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AN INVESTIGATION OF THE POWER OF THE WALD - WOLFOWITZ, TWO SAMPLE, RUNS TEST

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NAVAL POSTGRADUATE SCHOOL
Monterey, California

THESIS

AN INVESTIGATION OF THE POWER
OF THE WALD - WOLFOWITZ,
TWO SAMPLE, RUNS TEST

by

William Charles Heschl

Thesis Advisor: D. R. Barr

March 1972

Approved for public release; distribution unlimited.

An Investigation of the Power of the Wald - Wolfowitz, Two Sample, Runs Test

by

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March 1972

ABSTRACT

In the absence of information concerning underlying distributions of populations being sampled, it is difficult to apply parametric statistical tests without possibly violating assumptions under which these tests have been derived. As a result, parametric statistical tests may provide invalid information and result in erroneous conclusions related to samples under observation. This undesirable effect leads statisticians toward the utilization of non-parametric tests which are unconcerned with the specific form of the underlying distributions. By computer sampling, this paper investigates the power of the Wald-Wolfowitz runs test as it pertains to normal, uniform and triangular distributions. The power is found to be satisfactory when it is possible to obtain large samples for comparison.

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I. INTRODUCTION

A question which is often asked when sets of data are analyzed by statistical methods is: "Have these two samples been drawn from the same populations?" When the distributions from which the samples were drawn are unknown, it may be necessary to resort to non-parametric statistical techniques for resolution. These distribution-free methods, unlike parametric methods, require no assumptions about the form of a sampled population. By eliminating these assumptions, the problem of robustness (i.e. sensitivity to departures from assumptions) is also eliminated.

The Wald-Wolfowitz runs test [Refs. 7 & 8] is non-parametric with a null hypothesis that two samples, not necessarily of equal size, have been drawn from distributions of the same form. The test itself is easily applied and only requires that the two samples are stochastically independent with continuous cumulative distribution functions [Ref. 10].

This paper examines, by repeated computer sampling, the power of the Wald-Wolfowitz runs test for three well-known distributions as the means, variances and sample sizes of these distributions are altered. Differences in these various parameters will cause rejection of the null hypothesis by reducing the number of runs which occur.

To determine the number of runs formed by two random samples, the following procedure is followed. Elements in sample one are identified with an 'X' and those in sample

two with a 'Y'. The elements from both samples are then combined and numerically sorted into ascending order. Because samples are drawn from continuous distributions, only one ordering is possible and, therefore, the number of runs is fixed. Assuming m X's and n Y's, and ordered vector of length m+n has been obtained. Define a run to be a sequence of letter(s) of the same kind bounded by a letter of another kind. Then, for example, 11 runs appear in the following ordered example:

$$\underline{XX}\ \underline{Y}\ \underline{X}\ \underline{YYY}\ \underline{XX}\ \underline{YY}\ \underline{X}\ \underline{YYYY}\ \underline{XXX}\ \underline{Y}\ \underline{X}$$

Samples from the same population will tend to provide an intermingled ordered vector and, therefore, the number of runs is expected to be large. If, however, the means of the two samples are not the same, we expect to find fewer runs with a long run of X's on one end, a long run of Y's on the other end and some intermingling in the middle. Likewise, if X has a larger variance, a larger run of X's would appear on both ends with less mixing in the middle. A similar analysis may be carried on for differences in skewness, distributions, etc., all of which lead to a reduced number of runs.

Deciding whether non-parametric statistics should be utilized or not may be summed up by considering the advantages and disadvantages quoted by Moses [Ref. 5].

"Advantages of non-parametric methods:

1. Whatever may be the form of the distribution from which the sample has been drawn, a non-parametric test of a specified significance level actually has that significance level (provided that the sample has been drawn at random; in certain cases as will be noted, it is also necessary to assume that the distribution is continuous).

2. If samples are very small, e.g., six, there is in effect no alternative to a non-parametric test (unless the parent distribution really is known).

3. If the sample consists of observations from several different populations there may be a suitable non-parametric treatment.

4. The methods are usually easier to apply than the classical techniques.

5. If the data are inherently of the nature of ranks, not measurements, they can be treated directly by non-parametric methods without precariously assuming some special form for the underlying distribution.

6. In certain cases data can only be taken as 'better' or 'worse,' that is, an observation can only be characterized as a plus or minus. Obviously, the classical tests are not directly applicable to such data.

"Disadvantages of non-parametric methods:

1. If non-parametric tests rather than normal-theory tests are applied to normal data then they are wasteful of data. The degree of wastefulness is measured by the 'efficiency' of the non-parametric test. If, for example, a test has 80 per cent efficiency this means that where the data are from a normal distribution, the appropriate classical test would be just as effective with a sample of 20 per cent smaller size. The efficiency thus expresses the relative merits of the non-parametric test and the classical test under the conditions where the normal test is correct, but does not tell us how the tests will compare on non-normal data.

2. The non-parametric tests and tables of significance values are widely scattered in the periodical literature.

3. For large samples some of the non-parametric methods require a great amount of labor, unless approximations are employed."

For the Wald-Wolfowitz runs test, let

u' = number of runs actually formed.

then

$$P(u \leq u') = \frac{1}{C_n^{m+n}} \sum_{u=2}^{u'} F_u$$

where

$$F_u = 2C_{k-1}^{m-1} C_{k-1}^{n-1}, \text{ when } u=2k, \text{ i.e. } u \text{ is even,}$$

and

$$F_u = C_{k-1}^{m-1} C_{k-2}^{n-1} + C_{k-2}^{m-1} C_{k-1}^{n-1}, \text{ when } u=2k-1, \text{ i.e. } u \text{ is odd,}$$

for $k=1,2,\ldots,m+1$ (assuming $m \leq n$ with no loss in generality).

For large sample sizes, the number of runs is approximately normally distributed [Refs. 1, 4 & 5] with

$$\text{mean} = 2mn/(m+n) + 1$$

and

$$\text{variance} = \frac{2mn\ (2mn - m - n)}{(m+n)(m+n)(m+n-1)}$$

A modest study of the rate of convergence indicates that this approximation is not good for tail probabilities with sample sizes below 75. For this reason, an extensive table of the distribution of u' is given in Appendix B.

Computer generation of random variates was selected in this investigation of the Wald-Wolfowitz runs test because many samples were desired. These samples had to have known distributions, be of specific size and be available immediately. In addition, paired samples were labelled as indicated above, then combined, sorted and runs counted and tabulated. These steps were all repetitious and, therefore, readily adaptable for machine computation. Methods used for random variate generation are contained in the next section. The computer program, sample outputs and tabulated results are in the appendices.

II. METHODS

A. GENERATION OF RANDOM VARIATES

Prior to generation of random variates for the selected distributions, it was necessary to select a random number generator capable of providing uniformly distributed random variates over the interval (0,1). The IBM subroutine, Randu, was tested by means of the chi square goodness of fit test [Ref. 3]; it appeared to be satisfactory. The selected distributions were then generated as indicated below.

1. Uniform Distribution

The mathematical expression for the probability density function of the uniform distribution with parameters $a < b$ is defined as follows:

$$f(x) = \begin{cases} \dfrac{1}{b-a} & a < x < b \\ 0 & \text{otherwise} \end{cases}$$

The cumulative distribution function is:

$$F(x) = \int_a^x \frac{1}{b-a}\, dt = \frac{x-a}{b-a} \; ; \quad a < x < b$$

It should be observed that F is defined over the interval (0,1); therefore, by using the IBM subroutine Randu and setting $F(x) = r$ (where r is the random number generated), r may be mapped into x by F^{-1}. This is given by

$$x = a + (b - a)r \; ; \qquad 0 \leq r \leq 1$$

2. Triangular Distribution

For flexibility, three cases are considered which may be described in terms of figure 1.

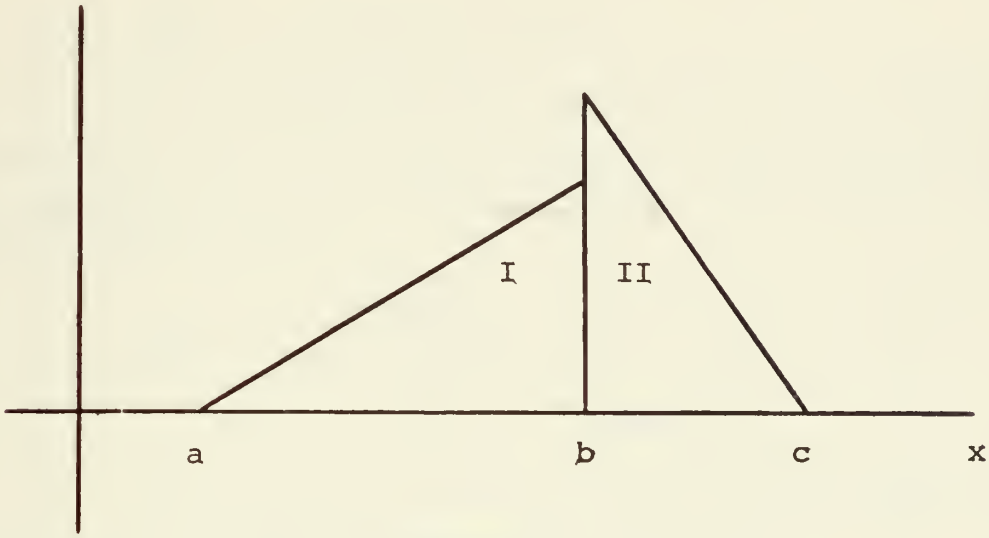

Figure 1.

a. Case 1 - Triangle I Only

Given the length of the base of the right triangle, points a and b, and knowing that the area must equal one, it is possible to determine both the altitude and the slope of the hypotenuse of the triangle. From this, the probability density function may be written as follows:

$$f(x) = \begin{cases} \dfrac{2(x-a)}{(b-a)^2} & ; \quad a < x < b \\ 0 & \quad \text{otherwise} \end{cases}$$

By integrating the probability density function, the cumulative distribution function is obtained;

$$F(x) = \int_a^x \frac{2(t-a)}{(b-a)^2}\, dt = \frac{(x-a)^2}{(b-a)^2} \; ; \quad a < x < b$$

Finally, by means of the inverse transformation, F^{-1}, a uniform random variate from the IBM subroutine Randu is mapped into one with the distribution F by the mapping

$$x = a + (b - a) \sqrt{r} \quad ; \quad 0 \leq r \leq 1$$

b. Case 2 - Triangle II Only

Using the method described for case 1, Triangle II may be obtained in a similar fashion. The probability density function is:

$$f(x) = \begin{cases} \dfrac{-2(x-c)}{(c-b)^2} \; ; & b < x < c \\ 0 & \text{otherwise} \end{cases}$$

The cumulative distribution function obtained by integrating the probability density function is

$$F(x) = \int_b^x \frac{-2(t-c)}{(c-b)^2} \, dt = \frac{(x-c)^2}{(c-b)^2} \; ; \quad b < x < c$$

The mapping F^{-1} of r into x is given by:

$$x = c - (c - b) \sqrt{r} \quad ; \quad 0 \leq r \leq 1$$

c. Case 3 - Triangle I and II

The method used to generate random variates in this case is similar to combining cases 1 and 2. Here, the points a, b and c as well as the area of triangle I are given. Since the total area of the two triangles must equal one, the function of F is determined.

Let at1 and at2 equal the areas of triangles I and II, respectively. When $0 \leq r < at1$, r is mapped into (a,b) by an inverse transformation. If $at1 \leq r \leq 1$, then r is mapped into (b,c). This mapping is given as follows:

$$x = \begin{cases} a + \dfrac{(b-a)\sqrt{(at1)r}}{at1} ; & 0 \leq r < at1 \\ c - \dfrac{(c-b)\sqrt{(at2)(at2-(1-r))}}{at2} ; & at1 \leq r \leq 1 \end{cases}$$

3. Normal Distribution

There are several methods which may be utilized to generate random variates from the normal distribution. The method used here is based on the central limit theorem [Ref. 6] which states that the probability distribution of the sum of n independently and identically distributed random variates x with respective means μ_i and variances σ_i^2, as n becomes very large, approaches the normal distribution asymptotically with mean and variance:

$$\mu = \sum_{i=1}^{n} \mu_i$$

$$\sigma^2 = \sum_{i=1}^{n} \sigma_i^2$$

It can be shown that a standard normal variate z is approximated well by:

$$z = \frac{\sum_{i=1}^{n} r_i - n/2}{\sqrt{n/12}}$$

By equating this representation of the standard normal variate with its representation in terms of a normal variate x with mean μ_x and variance σ_x^2,

$$z = \frac{x - \mu_x}{\sigma_x}$$

A simple formula for generating normally distributed random variates with mean μ_x and variance σ_x^2 is obtained.

$$x = \sigma_x \sqrt{12/n} \left[\sum_{i=1}^{n} r_i - n/2 \right] + \mu_x$$

The smallest value recommended for use in simulation is n=10, but by selecting n=12, computational efficiency is increased and the formula is reduced to

$$x = \sigma_x \left[\sum_{i=1}^{12} r_i - 6 \right] + \mu_x$$

B. UTILIZATION OF ANTITHETIC VARIABLES

Antithetic variables were used in this investigation to increase computational efficiency in connection with generation and use of random variates. Consider the generation of random variates for the uniform distribution in the interval (a,b). Suppose a random variate r in the interval (0,1) is drawn which is close to zero, when r is mapped into x, the realization of x for the uniform distribution will be close to a. The antithetic variable, 1-r, when mapped into the same uniform distribution will create a realization close to b. Creating the antithetic variable for use in another sample for later use is thereby quickly obtained by a single subtraction compared to several computational steps necessary to create a new random variate r. In addition, if the random number generator is biased toward one end of the (0,1) interval, the antithetic variable will produce a cancelling effect. Antithetic

variables are discussed in detail in relation to queuing problems by D.P. Gaver [Ref. 2].

III. RESULTS AND CONCLUSIONS

It is known that statistical tests with weak assumptions are applicable to a broad variety of problems, but generally have low power. By design, the Wald-Wolfowitz runs test falls into this category.

Samples of various sizes from distributions with various means and variances were drawn from three continuous distributions by a computer sampling technique. The actual parameter selections and results are tabulated in Appendix E. The sampling process used antithetic variables and was repeated 5000 times during each computer run to allow reasonable estimation of the mean percentages of rejection of the null hypothesis.

Tests were not conducted comparing one distribution shape against another. These tests were not included because of computer time limitations. However, the tests between distributions of like shape indicates an inability of the Wald-Wolfowitz runs test to reject "large" shape differences with samples of small size (e.g. uniform or normal distributions with sample sizes 10 tabulated in Appendix E.)

Comparing the simulation type I error rate with the values available in Ostle [Ref. 7] and Siegel [Ref. 8] provided some unexpected results. Instructions provided with these tables clearly state a .05 significance level; however, against the Wald-Wolfowitz runs test they actually provide

a .025 significance level. This discrepancy arises because the Wald-Wolfowitz test is a one-tailed test, whereas the runs test used to test randomness in sampling procedures is a two-tailed test. The same table cannot provide a .05 significance level to both a one-tailed and two-tailed test. It is therefore necessary to exercise utmost care when using many published tables because of the significance level error.

As a result of this error in published tables and the fact that it is not possible to obtain a conservative estimate of the number of runs by the normal approximation, a table for the critical number of runs to sample size 50 for a .05 significance level is provided in Appendix A. In addition, an extensive probability table for the actual number of runs or less is provided in Appendix B. From this table it is possible to determine the exact probability that a specified number of runs will be encountered during sampling. By using the table in Appendix B, it is also possible to construct tables for any desired significance level.

In conclusion, the Wald-Wolfowitz runs test fails to provide a rejection for samples of small size from what intuitively seem to be quite different distributions. As sample size is increased, the power of the test increases considerably as can be seen by comparing the values shown in Appendix E.

APPENDIX A

TABLE OF CRITICAL VALUES OF RUNS
(.05 SIGNIFICANCE LEVEL)

N1 \ N2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2							2	2	2	2	2	2	2	2	2	2	2	2	2
3				2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
4			2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
5		2	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5
6		2	3	3	3	4	4	4	5	5	5	5	5	6	6	6	6	6	6
7		2	3	3	4	4	4	5	5	5	6	6	6	6	6	7	7	7	7
8	2	2	3	3	4	4	5	5	6	6	6	6	7	7	7	7	8	8	8
9	2	2	3	4	4	5	5	6	6	6	7	7	7	8	8	8	8	8	9
10	2	3	3	4	5	5	6	6	6	7	7	8	8	8	8	9	9	9	9
11	2	3	3	4	5	5	6	6	7	7	8	8	8	9	9	9	10	10	10
12	2	3	4	4	5	6	6	7	7	8	8	9	9	9	10	10	10	10	11
13	2	3	4	4	5	6	6	7	8	8	9	9	9	10	10	10	11	11	11
14	2	3	4	5	5	6	7	7	8	8	9	9	10	10	11	11	11	12	12
15	2	3	4	5	6	6	7	8	8	9	9	10	10	11	11	11	12	12	12
16	2	3	4	5	6	6	7	8	8	9	10	10	11	11	11	12	12	13	13
17	2	3	4	5	6	7	7	8	9	9	10	10	11	11	12	12	13	13	13
18	2	3	4	5	6	7	8	8	9	10	10	11	11	12	12	13	13	14	14
19	2	3	4	5	6	7	8	8	9	10	10	11	12	12	13	13	14	14	14
20	2	3	4	5	6	7	8	9	9	10	11	11	12	12	13	13	14	14	15

TABLE OF CRITICAL VALUES OF RUNS (CONTINUED)
(.05 SIGNIFICANCE LEVEL)

N1 \ N2	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8
7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9
8	8	8	8	8	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10
9	9	9	9	9	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11
10	10	10	10	10	10	10	11	11	11	11	11	11	12	12	12	12	12	12	12	12
11	10	10	11	11	11	11	11	12	12	12	12	12	12	12	13	13	13	13	13	13
12	11	11	11	12	12	12	12	12	13	13	13	13	13	13	14	14	14	14	14	14
13	12	12	12	12	13	13	13	13	13	14	14	14	14	14	14	15	15	15	15	15
14	12	12	13	13	13	14	14	14	14	14	15	15	15	15	15	16	16	16	16	16
15	13	13	13	14	14	14	14	15	15	15	15	16	16	16	16	16	16	17	17	17
16	13	14	14	14	15	15	15	15	16	16	16	16	16	17	17	17	17	18	18	18
17	14	14	15	15	15	15	16	16	16	17	17	17	17	17	18	18	18	18	18	19
18	14	15	15	15	16	16	16	17	17	17	17	18	18	18	18	19	19	19	19	20
19	15	15	16	16	16	17	17	17	18	18	18	18	19	19	19	19	20	20	20	20
20	15	16	16	16	17	17	18	18	18	18	19	19	19	20	20	20	20	21	21	21

TABLE OF CRITICAL VALUES OF RUNS (CONTINUED)
(.05 SIGNIFICANCE LEVEL)

N1 \ N2	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
21	16	16	17	17	17	18	18	18	19	19	19	20	20	20	21	21	21	21	22	22
22	16	17	17	17	18	18	19	19	19	20	20	20	21	21	21	21	22	22	22	22
23	17	17	17	18	18	19	19	20	20	20	21	21	21	22	22	22	22	23	23	23
24	17	17	18	18	19	19	20	20	20	21	21	21	22	22	22	23	23	23	24	24
25	17	18	18	19	19	20	20	21	21	21	22	22	22	23	23	23	24	24	24	25
26	18	18	19	19	20	20	21	21	21	22	22	23	23	23	24	24	24	25	25	25
27	18	19	19	20	20	21	21	21	22	22	23	23	23	24	24	25	25	25	26	26
28	18	19	20	20	21	21	21	22	22	23	23	24	24	24	25	25	25	26	26	26
29	19	19	20	20	21	21	22	22	23	23	24	24	24	25	25	26	26	26	27	27
30	19	20	20	21	21	22	22	23	23	24	24	25	25	25	26	26	27	27	27	28
31	19	20	21	21	22	22	23	23	24	24	25	25	25	26	26	27	27	27	28	28
32	20	20	21	21	22	23	23	24	24	25	25	25	26	26	27	27	28	28	28	29
33	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27	28	28	28	29	29
34	20	21	22	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	29	30
35	21	21	22	22	23	24	24	25	25	26	26	27	27	28	28	29	29	29	30	30
36	21	21	22	23	23	24	25	25	26	26	27	27	28	28	29	29	30	30	30	31
37	21	22	22	23	24	24	25	25	26	27	27	28	28	29	29	30	30	30	31	31
38	21	22	23	23	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32
39	22	22	23	24	24	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32
40	22	22	23	24	25	25	26	26	27	28	28	29	29	30	30	31	31	32	32	33

TABLE OF CRITICAL VALUES OF RUNS (CONTINUED)
(.05 SIGNIFICANCE LEVEL)

N1 \ N2	41	42	43	44	45	46	47	48	49	50
2	3	3	3	3	3	3	3	3	3	3
3	4	4	4	4	4	4	4	4	4	4
4	6	6	6	6	6	6	6	6	6	6
5	6	6	6	7	7	7	7	7	7	7
6	8	8	8	8	8	8	8	8	8	8
7	9	9	9	9	9	9	9	10	10	10
8	10	10	10	10	10	10	10	10	10	10
9	11	11	11	12	12	12	12	12	12	12
10	12	12	12	12	13	13	13	13	13	13
11	13	14	14	14	14	14	14	14	14	14
12	14	14	14	15	15	15	15	15	15	15
13	15	15	16	16	16	16	16	16	16	16
14	16	16	16	17	17	17	17	17	17	17
15	17	17	17	18	18	18	18	18	18	18
16	18	18	18	18	19	19	19	19	19	19
17	19	19	19	19	20	20	20	20	20	20
18	20	20	20	20	20	20	21	21	21	21
19	20	21	21	21	21	21	22	22	22	22
20	21	21	22	22	22	22	22	23	23	23

TABLE OF CRITICAL VALUES OF RUNS (CONTINUED)
(.05 SIGNIFICANCE LEVEL)

N1 \ N2	41	42	43	44	45	46	47	48	49	50
21	22	22	22	23	23	23	23	23	24	24
22	23	23	23	23	24	24	24	24	24	25
23	23	24	24	24	24	25	25	25	25	25
24	24	24	25	25	25	25	26	26	26	26
25	25	25	25	26	26	26	26	27	27	27
26	25	26	26	26	27	27	27	27	28	28
27	26	26	27	27	27	28	28	28	28	28
28	27	27	27	28	28	28	28	29	29	29
29	27	28	28	28	29	29	29	29	30	30
30	28	28	29	29	29	30	30	30	30	31
31	29	29	29	30	30	30	30	31	31	31
32	29	29	30	30	30	31	31	31	32	32
33	30	30	30	31	31	31	32	32	32	33
34	30	31	31	31	32	32	32	33	33	33
35	31	31	31	32	32	33	33	33	34	34
36	31	32	32	32	33	33	33	34	34	34
37	32	32	33	33	33	34	34	34	35	35
38	32	33	33	33	34	34	35	35	35	36
39	33	33	34	34	34	35	35	35	36	36
40	33	34	34	34	35	35	36	36	36	37

TABLE OF CRITICAL VALUES OF RUNS (CONTINUED)
(.05 SIGNIFICANCE LEVEL)

N1 \ N2	41	42	43	44	45	46	47	48	49	50
41	34	34	35	35	35	36	36	37	37	37
42	34	35	35	35	36	36	37	37	37	38
43	35	35	35	36	36	37	37	38	38	38
44	35	35	36	36	37	37	38	38	39	39
45	35	36	36	37	37	38	38	39	39	39
46	36	36	37	37	38	38	39	39	39	40
47	36	37	37	38	38	39	39	40	40	40
48	37	37	38	38	39	39	40	40	40	41
49	37	37	38	39	39	39	40	40	41	41
50	37	38	38	39	39	40	40	41	41	42

APPENDIX 8

PROBABILITY OF U' RUNS OR LESS

M = 2

N \ U'	2	3	4
2	0.333333333	0.666666667	1.000000000
3	0.200000000	0.500000000	0.900000000
4	0.133333333	0.400000000	0.800000000
5	0.095238095	0.333333333	0.714285714
6	0.071428571	0.285714286	0.642857143
7	0.055555556	0.250000000	0.583333333
8	0.044444444	0.222222222	0.533333333
9	0.036363636	0.200000000	0.490909091
10	0.030303030	0.181818182	0.454545455
11	0.025641026	0.166666667	0.423076923
12	0.021978022	0.153846154	0.395604396
13	0.019047619	0.142857143	0.371428571
14	0.016666667	0.133333333	0.350000000
15	0.014705882	0.125000000	0.330882353
16	0.013071895	0.117647059	0.313725490
17	0.011695906	0.111111111	0.298245614
18	0.010526316	0.105263158	0.284210526
19	0.009523810	0.100000000	0.271428571
20	0.008658009	0.095238095	0.259740260
21	0.007905138	0.090909091	0.249011858
22	0.007246377	0.086956522	0.239130435
23	0.006666667	0.083333333	0.230000000
24	0.006153846	0.080000000	0.221538462
25	0.005698005	0.076923077	0.213675214
26	0.005291005	0.074074074	0.206349206
27	0.004926108	0.071428571	0.199507389
28	0.004597701	0.068965517	0.193103448
29	0.004301075	0.066666667	0.187096774
30	0.004032258	0.064516129	0.181451613
31	0.003787879	0.062500000	0.176136364
32	0.003565062	0.060606061	0.171122995
33	0.003361345	0.058823529	0.166386555
34	0.003174603	0.057142857	0.161904762
35	0.003003003	0.055555556	0.157657658
36	0.002844950	0.054054054	0.153627312
37	0.002699055	0.052631579	0.149797571
38	0.002564103	0.051282051	0.146153846
39	0.002439024	0.050000000	0.142682927
40	0.002322880	0.048780488	0.139372822
41	0.002214839	0.047619048	0.136212625
42	0.002114165	0.046511628	0.133192389
43	0.002020202	0.045454545	0.130303030
44	0.001932367	0.044444444	0.127536232
45	0.001850139	0.043478261	0.124884366
46	0.001773050	0.042553191	0.122340426
47	0.001700680	0.041666667	0.119897959
48	0.001632653	0.040816327	0.117551020
49	0.001568627	0.040000000	0.115294118
50	0.001508296	0.039215686	0.113122172

P(U ≤ U') (CONTINUED)

M = 3

N \ U'	2	3	4	5	6
3	0.100000000	0.300000000	0.700000000	0.900000000	1.000000000
4	0.057142857	0.200000000	0.542857143	0.800000000	0.971428571
5	0.035714286	0.142857143	0.428571429	0.714285714	0.928571429
6	0.023809524	0.107142857	0.345238095	0.642857143	0.880952381
7	0.016666667	0.083333333	0.283333333	0.583333333	0.833333333
8	0.012121212	0.066666667	0.236363636	0.533333333	0.787878788
9	0.009090909	0.054545455	0.200000000	0.490909091	0.745454545
10	0.006993007	0.045454545	0.171328671	0.454545455	0.706293706
11	0.005494505	0.038461538	0.148351648	0.423076923	0.670329670
12	0.004395604	0.032967033	0.129670330	0.395604396	0.637362637
13	0.003571429	0.028571429	0.114285714	0.371428571	0.607142857
14	0.002941176	0.025000000	0.101470588	0.350000000	0.579411765
15	0.002450980	0.022058824	0.090686275	0.330882353	0.553921569
16	0.002063983	0.019607843	0.081527348	0.313725490	0.530443756
17	0.001754386	0.017543860	0.073684211	0.298245614	0.508771930
18	0.001503759	0.015789474	0.066917293	0.284210526	0.488721805
19	0.001298701	0.014285714	0.061038961	0.271428571	0.470129870
20	0.001129305	0.012987013	0.055900621	0.259740260	0.452851496
21	0.000988142	0.011857708	0.051383399	0.249011858	0.436758893
22	0.000869565	0.010869565	0.047391304	0.239130435	0.421739130
23	0.000769231	0.010000000	0.043846154	0.230000000	0.407692308
24	0.000683761	0.009230769	0.040683761	0.221538462	0.394529915
25	0.000610501	0.008547009	0.037851038	0.213675214	0.382173382
26	0.000547345	0.007936508	0.035303777	0.206349206	0.370552819
27	0.000492611	0.007389163	0.033004926	0.199507389	0.359605911
28	0.000444937	0.006896552	0.030923248	0.193103448	0.349276974
29	0.000403226	0.006451613	0.029032258	0.187096774	0.339516129
30	0.000366569	0.006048387	0.027309384	0.181451613	0.330278592
31	0.000334225	0.005681818	0.025735294	0.176136364	0.321524064
32	0.000305577	0.005347594	0.024293354	0.171122995	0.313216196
33	0.000280112	0.005042017	0.022969188	0.166386555	0.305322129
34	0.000257400	0.004761905	0.021750322	0.161904762	0.297812098
35	0.000237079	0.004504505	0.020625889	0.157657658	0.290659080
36	0.000218849	0.004267425	0.019586388	0.153627312	0.283838494
37	0.000202429	0.004048583	0.018623482	0.149797571	0.277327935
38	0.000187617	0.003846154	0.017729831	0.146153846	0.271106942
39	0.000174216	0.003658537	0.016898955	0.142682927	0.265156794
40	0.000162061	0.003484321	0.016125111	0.139372822	0.259460335
41	0.000151012	0.003322259	0.015403201	0.136212625	0.254001812
42	0.000140944	0.003171247	0.014728682	0.133192389	0.248766737
43	0.000131752	0.003030303	0.014097497	0.130303030	0.243741765
44	0.000123343	0.002898551	0.013506013	0.127536232	0.238914585
45	0.000115634	0.002775208	0.012950971	0.124884366	0.234273821
46	0.000108554	0.002659574	0.012429440	0.122340426	0.229808945
47	0.000102041	0.002551020	0.011938776	0.119897959	0.225510204
48	0.000096038	0.002448980	0.011476591	0.117551020	0.221368547
49	0.000090498	0.002352941	0.011040724	0.115294118	0.217375566
50	0.000085375	0.002262443	0.010629215	0.113122172	0.213523435

P(U ≤ U') (CONTINUED)

M = 4

N \ U'	2	3	4	5	6
4	0.028571429	0.114285714	0.371428571	0.628571429	0.885714286
5	0.015873016	0.071428571	0.261904762	0.500000000	0.785714286
6	0.009523810	0.047619048	0.190476190	0.404761905	0.690476190
7	0.006060606	0.033333333	0.142424242	0.333333333	0.606060606
8	0.004040404	0.024242424	0.105090909	0.278787879	0.533333333
9	0.002797203	0.018181818	0.085314685	0.236363636	0.471328671
10	0.001998002	0.013986014	0.067932068	0.202797203	0.418581419
11	0.001465201	0.010989011	0.054945055	0.175824176	0.373626374
12	0.001098901	0.008791209	0.045054945	0.153846154	0.335164835
13	0.000840336	0.007142857	0.037394958	0.135714286	0.302100840
14	0.000653595	0.005882353	0.031372549	0.120588235	0.273529412
15	0.000515996	0.004901961	0.026573787	0.107843137	0.248710010
16	0.000412797	0.004127967	0.022703818	0.097007224	0.227038184
17	0.000334169	0.003508772	0.019548872	0.087719298	0.208020050
18	0.000273411	0.003007519	0.016951470	0.079699248	0.191250854
19	0.000225861	0.002597403	0.014793902	0.072727273	0.176397516
20	0.000188218	0.002258611	0.012987013	0.066629023	0.163184641
21	0.000158103	0.001976285	0.011462451	0.061264822	0.151383399
22	0.000133779	0.001739130	0.010167224	0.056521739	0.140802676
23	0.000113960	0.001538462	0.009059829	0.052307692	0.131282051
24	0.000097680	0.001367521	0.008107448	0.048547009	0.122686203
25	0.000084207	0.001221001	0.007283904	0.045177045	0.114900425
26	0.000072979	0.001094691	0.006568144	0.042145594	0.107827039
27	0.000063563	0.000985222	0.005943111	0.039408867	0.101382488
28	0.000055617	0.000889878	0.005394883	0.036929922	0.095494994
29	0.000048876	0.000806452	0.004912023	0.034677419	0.090102639
30	0.000043126	0.000733138	0.004485078	0.032624633	0.085151803
31	0.000038197	0.000668649	0.004106188	0.030748663	0.080595875
32	0.000033953	0.000611154	0.003768780	0.029029794	0.076394194
33	0.000030282	0.000560224	0.003467333	0.027450980	0.072511167
34	0.000027095	0.000514801	0.003197182	0.025997426	0.068915532
35	0.000024316	0.000474158	0.002954371	0.024656235	0.065579750
36	0.000021884	0.000437685	0.002735529	0.023416129	0.062479484
37	0.000019749	0.000404858	0.002537770	0.022267206	0.059593167
38	0.000017868	0.000375235	0.002358617	0.021200750	0.056901635
39	0.000016206	0.000348432	0.002195932	0.020209059	0.054387813
40	0.000014733	0.000324123	0.002047867	0.019285309	0.052036449
41	0.000013423	0.000302024	0.001912816	0.018423437	0.049833887
42	0.000012256	0.000281889	0.001789380	0.017618041	0.047767871
43	0.000011213	0.000263505	0.001676338	0.016864295	0.045827376
44	0.000010279	0.000246685	0.001572618	0.016157879	0.044002467
45	0.000009439	0.000231267	0.001477279	0.015494912	0.042284166
46	0.000008684	0.000217108	0.001389492	0.014871906	0.040664351
47	0.000008003	0.000204082	0.001308523	0.014285714	0.039135654
48	0.000007388	0.000192077	0.001233724	0.013733493	0.037691384
49	0.000006830	0.000180995	0.001164518	0.013212670	0.036325450
50	0.000006324	0.000170750	0.001100392	0.012720908	0.035032300

P(U ≤ U') (CONTINUED)

M = 4

N \ U'	7	8
4	0.971428571	1.000000000
5	0.928571429	0.992063492
6	0.880952381	0.976190476
7	0.833333333	0.954545455
8	0.787878788	0.929292929
9	0.745454545	0.902097902
10	0.706293706	0.874125874
11	0.670329670	0.846153846
12	0.637362637	0.818681319
13	0.607142857	0.792016807
14	0.579411765	0.766339869
15	0.553921569	0.741744066
16	0.530443756	0.718266254
17	0.508771930	0.695906433
18	0.488721805	0.674641148
19	0.470129870	0.654432524
20	0.452851496	0.635234331
21	0.436758853	0.616996047
22	0.421739130	0.599665552
23	0.407692308	0.583190883
24	0.394529915	0.567521368
25	0.382173382	0.552608311
26	0.370552819	0.538405400
27	0.359605911	0.524868902
28	0.349276974	0.511957731
29	0.339516129	0.499633431
30	0.330278592	0.487860100
31	0.321524064	0.476604278
32	0.313216196	0.465834819
33	0.305322129	0.455522750
34	0.297812098	0.445641130
35	0.290659080	0.436166910
36	0.283838494	0.427070795
37	0.277327935	0.418337119
38	0.271106942	0.409943715
39	0.265156794	0.401871809
40	0.259460335	0.394103911
41	0.254001812	0.386623712
42	0.248766737	0.379416000
43	0.243741765	0.372466571
44	0.238914585	0.365762154
45	0.234273821	0.359290340
46	0.229808945	0.353039514
47	0.225510204	0.346998800
48	0.221368547	0.341158002
49	0.217375566	0.335507556
50	0.213523435	0.330038482

P(≤ U') (CONTINUED)

M = 5

N \ U'	2	3	4	5	6
5	0.007936508	0.039682540	0.166666667	0.357142857	0.642857143
6	0.004329004	0.023809524	0.110389610	0.261904762	0.521645022
7	0.002525253	0.015151515	0.075757576	0.196969697	0.424242424
8	0.001554002	0.010101010	0.053613054	0.151515152	0.347319347
9	0.000999001	0.006993007	0.038961039	0.118881119	0.286713287
10	0.000666001	0.004995005	0.028971029	0.094905095	0.238761239
11	0.000457875	0.003663004	0.021978022	0.076923077	0.200549451
12	0.000323206	0.002747253	0.016968326	0.063186813	0.169844861
13	0.000233427	0.002108840	0.013305322	0.052521008	0.144957983
14	0.000171999	0.001633987	0.010577915	0.044117647	0.124613003
15	0.000128999	0.001289990	0.008513932	0.037409701	0.107843137
16	0.000098285	0.001031992	0.006929087	0.031991744	0.093911249
17	0.000075947	0.000835422	0.005696058	0.027568922	0.082251082
18	0.000059437	0.000683527	0.004725252	0.023923445	0.072424143
19	0.000047054	0.000564653	0.003952569	0.020892151	0.064088086
20	0.000037644	0.000470544	0.003331451	0.018351214	0.056973461
21	0.000030404	0.000395257	0.002827607	0.016205534	0.050866525
22	0.000024774	0.000334448	0.002415459	0.014381271	0.045596433
23	0.000020350	0.000284900	0.002075702	0.012820513	0.041025641
24	0.000016841	0.000244200	0.001793609	0.011477411	0.037042651
25	0.000014034	0.000210517	0.001557829	0.010315355	0.033556482
26	0.000011771	0.000182448	0.001359535	0.009304871	0.030492434
27	0.000009932	0.000158907	0.001191800	0.008422056	0.027788813
28	0.000008427	0.000139043	0.001049146	0.007647386	0.025394378
29	0.000007188	0.000122190	0.000927204	0.006964809	0.023266345
30	0.000006161	0.000107814	0.000822470	0.006361049	0.021368811
31	0.000005305	0.000095493	0.000732111	0.005825057	0.019671505
32	0.000004588	0.000084882	0.000653824	0.005347594	0.018148783
33	0.000003985	0.000075706	0.000585725	0.004920887	0.016778831
34	0.000003474	0.000067737	0.000526264	0.004538373	0.015543016
35	0.000003039	0.000060790	0.000474158	0.004194478	0.014425357
36	0.000002669	0.000054711	0.000428344	0.003884451	0.013412099
37	0.000002351	0.000049373	0.000387930	0.003604226	0.012491360
38	0.000002078	0.000044671	0.000352172	0.003350308	0.011652840
39	0.000001842	0.000040515	0.000320440	0.003119682	0.010887581
40	0.000001637	0.000036832	0.000292202	0.002909739	0.010187770
41	0.000001459	0.000033558	0.000267006	0.002718212	0.009546571
42	0.000001304	0.000030640	0.000244469	0.002543126	0.008957983
43	0.000001168	0.000028032	0.000224259	0.002382754	0.008416730
44	0.000001049	0.000025696	0.000206095	0.002235584	0.007918153
45	0.000000944	0.000023599	0.000189734	0.002100285	0.007458136
46	0.000000851	0.000021711	0.000174964	0.001975684	0.007033026
47	0.000000770	0.000020008	0.000161603	0.001860744	0.006639579
48	0.000000697	0.000018469	0.000149494	0.001754548	0.006274905
49	0.000000632	0.000017075	0.000138498	0.001656279	0.005936424
50	0.000000575	0.000015810	0.000128494	0.001565212	0.005621829

P(U ≤ U') (CONTINUED)

M = 5

N \ U'	7	8	9	10
5	0.833333333	0.960317460	0.992063492	1.000000000
6	0.738095238	0.911255411	0.976190476	0.997835498
7	0.651515152	0.853535354	0.954545455	0.992424242
8	0.575757576	0.793317793	0.929292929	0.983682984
9	0.510489510	0.734265734	0.902097902	0.972027972
10	0.454545455	0.678321678	0.874125874	0.958041958
11	0.406593407	0.626373626	0.846153846	0.942307692
12	0.365384615	0.578700711	0.818681319	0.925539367
13	0.329831933	0.535247432	0.792016807	0.907563025
14	0.299019608	0.495786034	0.766339869	0.889318885
15	0.272187822	0.460010320	0.741744066	0.870872033
16	0.248710010	0.427588579	0.718266254	0.852425181
17	0.228070175	0.398192451	0.695906433	0.834130781
18	0.209842789	0.371511783	0.674641148	0.816101519
19	0.193675889	0.347261434	0.654432524	0.798418972
20	0.179277244	0.325183512	0.635234331	0.781140599
21	0.166403162	0.305047127	0.616996047	0.764305260
22	0.154849498	0.286646848	0.599665552	0.747937570
23	0.144444444	0.269800570	0.583190883	0.732051282
24	0.135042735	0.254347185	0.567521368	0.716651930
25	0.126520989	0.240144275	0.552608311	0.701738874
26	0.118773946	0.227065935	0.538405400	0.687306884
27	0.111711425	0.215000795	0.524868902	0.673347370
28	0.105255840	0.203850238	0.511957731	0.659849328
29	0.099340176	0.193526824	0.499633431	0.646800069
30	0.093906331	0.183952907	0.487860100	0.634185786
31	0.088903743	0.175059418	0.476604278	0.621991979
32	0.084288261	0.166784814	0.465834819	0.610203787
33	0.080021198	0.159074156	0.455522750	0.598806237
34	0.076068550	0.151878310	0.445641130	0.587784430
35	0.072400336	0.145153250	0.436164910	0.577123682
36	0.068990043	0.138859458	0.427070795	0.566809626
37	0.065814160	0.132961390	0.418337119	0.556828281
38	0.062851782	0.127427026	0.409943715	0.547166107
39	0.060084272	0.122227461	0.401871809	0.537810035
40	0.057494972	0.117336561	0.394103911	0.528747486
41	0.055068962	0.112730658	0.386623712	0.519966383
42	0.052792842	0.108388274	0.379416000	0.511455169
43	0.050654557	0.104289892	0.372466571	0.503202702
44	0.048643232	0.100417750	0.365762154	0.495198449
45	0.046749042	0.096755650	0.359290340	0.487432272
46	0.044963092	0.093288805	0.353039514	0.479894511
47	0.043277311	0.090003694	0.346998800	0.472575953
48	0.041684366	0.086887934	0.341158002	0.465467813
49	0.040177580	0.083930169	0.335507556	0.458561712
50	0.038750866	0.081119973	0.330038482	0.451849667

P(U = U') (CONTINUED)

M = 6

N \ U'	2	3	4	5	6
6	0.002164502	0.012987013	0.067099567	0.175324675	0.391774892
7	0.001165501	0.007575758	0.042540793	0.121212121	0.296037296
8	0.000666001	0.004662005	0.027972028	0.086247086	0.226107226
9	0.000399600	0.002997003	0.018981019	0.062937063	0.174825175
10	0.000249750	0.001998002	0.013236763	0.046953047	0.136863137
11	0.000161603	0.001373626	0.009453782	0.035714286	0.108435682
12	0.000107735	0.000969619	0.006895066	0.027634131	0.086888602
13	0.000073714	0.000700280	0.005123102	0.021708683	0.070359923
14	0.000051600	0.000515996	0.003869969	0.017285862	0.057533540
15	0.000036857	0.000386997	0.002966976	0.013931889	0.047471620
16	0.000026805	0.000294855	0.002305228	0.011351909	0.039497139
17	0.000019812	0.000227842	0.001812832	0.009341536	0.033116388
18	0.000014859	0.000178311	0.001441350	0.007756546	0.027965170
19	0.000011293	0.000141163	0.001157538	0.006493506	0.023771880
20	0.000008687	0.000112931	0.000938192	0.005477132	0.020331842
21	0.000006757	0.000091213	0.000766866	0.004651870	0.017489274
22	0.000005309	0.000074322	0.000631735	0.003976217	0.015124489
23	0.000004210	0.000061050	0.000524188	0.003418803	0.013144710
24	0.000003368	0.000050524	0.000437876	0.002955665	0.011477411
25	0.000002716	0.000042103	0.000368066	0.002568313	0.010065451
26	0.000002207	0.000035313	0.000311192	0.002242350	0.008863464
27	0.000001806	0.000029795	0.000264544	0.001966471	0.007835185
28	0.000001487	0.000025281	0.000226038	0.001731722	0.006951426
29	0.000001232	0.000021563	0.000194066	0.001530964	0.006188546
30	0.000001027	0.000018482	0.000167369	0.001358461	0.005527284
31	0.000000860	0.000015915	0.000144960	0.001209575	0.004951858
32	0.000000724	0.000013765	0.000126056	0.001080530	0.004449265
33	0.000000613	0.000011954	0.000110034	0.000968239	0.004008738
34	0.000000521	0.000010421	0.000096395	0.000870159	0.003621319
35	0.000000445	0.000009118	0.000084735	0.000784185	0.003279521
36	0.000000381	0.000008006	0.000074727	0.000708569	0.002977056
37	0.000000328	0.000007053	0.000066104	0.000641849	0.002708624
38	0.000000283	0.000006233	0.000058648	0.000582798	0.002469737
39	0.000000246	0.000005525	0.000052179	0.000530383	0.002256583
40	0.000000214	0.000004911	0.000046547	0.000483729	0.002065909
41	0.000000186	0.000004377	0.000041630	0.000442092	0.001894935
42	0.000000163	0.000003911	0.000037322	0.000404840	0.001741269
43	0.000000143	0.000003504	0.000033539	0.000371429	0.001602853
44	0.000000126	0.000003146	0.000030206	0.000341395	0.001477908
45	0.000000111	0.000002832	0.000027263	0.000314335	0.001364894
46	0.000000098	0.000002554	0.000024658	0.000289903	0.001262469
47	0.000000087	0.000002309	0.000022346	0.000267799	0.001169466
48	0.000000077	0.000002091	0.000020289	0.000247762	0.001084865
49	0.000000069	0.000001897	0.000018455	0.000229564	0.001007773
50	0.000000062	0.000001725	0.000016816	0.000213007	0.000937403

P(U ≤ U') (CONTINUED)

M = 6

N \ U'	7	8	9	10	11
6	0.608225108	0.824675325	0.932900433	0.987012987	0.997835498
7	0.500000000	0.733100233	0.878787879	0.966200466	0.992424242
8	0.412587413	0.645687646	0.820512821	0.937062937	0.983682984
9	0.342657343	0.566433566	0.762237762	0.902097902	0.972027972
10	0.286713287	0.496503497	0.706293706	0.863636364	0.958041958
11	0.241758242	0.435681965	0.653846154	0.823529412	0.942307692
12	0.205397564	0.383160957	0.605345223	0.783128636	0.925339367
13	0.175770308	0.337940439	0.560924370	0.743365767	0.907563025
14	0.151444788	0.299019608	0.520381837	0.704850361	0.889318885
15	0.131320949	0.265479876	0.483488132	0.667956656	0.870872033
16	0.114551084	0.236513744	0.449948400	0.632892391	0.852425181
17	0.100478469	0.211427779	0.419457735	0.599750364	0.834130781
18	0.088591043	0.189634164	0.391720408	0.568545871	0.816101519
19	0.078486731	0.170638058	0.366459627	0.539243365	0.798418972
20	0.069847564	0.154024237	0.343621796	0.511775181	0.781140599
21	0.062420189	0.139444613	0.322377622	0.486054525	0.764305260
22	0.056001486	0.126607209	0.303121516	0.461984392	0.747937570
23	0.050427350	0.115266726	0.285470085	0.439463602	0.732051282
24	0.045564397	0.105216622	0.269260242	0.418390805	0.716651930
25	0.041303524	0.096282533	0.254347185	0.398667085	0.701738874
26	0.037554955	0.088316825	0.240602433	0.380197574	0.687306884
27	0.034244399	0.081194412	0.227911966	0.362892391	0.673347370
28	0.031310041	0.074807570	0.216174537	0.346667123	0.659849328
29	0.028700190	0.069065896	0.205300155	0.331442988	0.646800069
30	0.026371399	0.063890806	0.195208729	0.317146800	0.634185786
31	0.024286988	0.059214964	0.185828877	0.303710796	0.621991979
32	0.022415846	0.054980275	0.177096883	0.291072384	0.610203787
33	0.020731479	0.051136463	0.168955776	0.279173843	0.598806237
34	0.019211230	0.047639890	0.161354530	0.267962005	0.587784430
35	0.017835649	0.044452569	0.154247365	0.257387930	0.577123682
36	0.016587981	0.041541344	0.147593135	0.247406585	0.566809626
37	0.015453738	0.038877190	0.141354794	0.237976535	0.556828281
38	0.014420350	0.036434637	0.135498931	0.229059653	0.547166107
39	0.013476880	0.034191277	0.129995359	0.220620843	0.537810035
40	0.012613781	0.032127342	0.124816760	0.212627788	0.528747486
41	0.011822690	0.030225359	0.119938370	0.205050713	0.519966383
42	0.011096269	0.028469841	0.115337702	0.197862171	0.511455149
43	0.010428055	0.026847035	0.110994309	0.191036839	0.503202702
44	0.009812343	0.025344698	0.106889564	0.184551341	0.495198449
45	0.009244086	0.023951912	0.103006475	0.178384083	0.487432272
46	0.008718807	0.022658916	0.099329519	0.172515094	0.479894511
47	0.008232524	0.021456972	0.095844492	0.166925900	0.472575953
48	0.007781690	0.020338237	0.092538380	0.161599386	0.465467813
49	0.007363139	0.019295663	0.089399243	0.156519692	0.458561712
50	0.006974035	0.018322903	0.086416112	0.151672104	0.451849667

P(≤ U') (CONTINUED)

M = 6

N \ U'	12
6	1.000000000
7	0.999417249
8	0.997668998
9	0.994405594
10	0.989510490
11	0.983031674
12	0.975113122
13	0.965944272
14	0.955727554
15	0.944659443
16	0.932920537
17	0.920671243
18	0.908050759
19	0.895177866
20	0.882152630
21	0.869058478
22	0.855964326
23	0.842926614
24	0.829991158
25	0.817194794
26	0.804566803
27	0.792130145
28	0.779902506
29	0.767897188
30	0.756123857
31	0.744589175
32	0.733297328
33	0.722250471
34	0.711449101
35	0.700892361
36	0.690578304
37	0.680504109
38	0.670666259
39	0.661060692
40	0.651682925
41	0.642528158
42	0.633591362
43	0.624867347
44	0.616350822
45	0.608036443
46	0.599918855
47	0.591992719
48	0.584252743
49	0.576693702
50	0.569310453

P(U ≤ U') (CONTINUED)

M = 7

N \ U'	2	3	4	5	6
7	0.000582751	0.004079254	0.025058275	0.077505828	0.208624709
8	0.000310800	0.002331002	0.015384615	0.051282051	0.149184149
9	0.000174825	0.001398601	0.009790210	0.034965035	0.108391608
10	0.000102838	0.000874126	0.006427396	0.024475524	0.080008227
11	0.000062846	0.000565611	0.004336350	0.017533937	0.059954751
12	0.000039692	0.000377074	0.002996745	0.012820513	0.045566405
13	0.000025800	0.000257998	0.002115583	0.009545924	0.035087719
14	0.000017200	0.000180599	0.001522188	0.007223942	0.027347781
15	0.000011727	0.000128999	0.001114082	0.005546956	0.021554555
16	0.000008158	0.000093817	0.000828041	0.004315602	0.017164511
17	0.000005779	0.000069343	0.000624090	0.003397823	0.013799320
18	0.000004161	0.000052007	0.000476389	0.002704389	0.011192012
19	0.000003040	0.000039526	0.000367893	0.002173913	0.009151718
20	0.000002252	0.000030404	0.000287152	0.001763454	0.007540286
21	0.000001689	0.000023648	0.000226344	0.001442519	0.006256545
22	0.000001281	0.000018580	0.000180038	0.001189149	0.005225592
23	0.000000982	0.000014736	0.000144415	0.000987327	0.004391394
24	0.000000761	0.000011789	0.000116749	0.000825228	0.003711626
25	0.000000594	0.000009507	0.000095072	0.000694029	0.003154027
26	0.000000468	0.000007725	0.000077949	0.000587072	0.002693790
27	0.000000372	0.000006320	0.000064317	0.000499292	0.002311689
28	0.000000297	0.000005205	0.000053387	0.000426796	0.001992707
29	0.000000240	0.000004313	0.000044563	0.000366569	0.001725030
30	0.000000194	0.000003594	0.000037395	0.000316256	0.001499300
31	0.000000158	0.000003011	0.000031537	0.000274004	0.001308056
32	0.000000130	0.000002536	0.000026721	0.000238347	0.001145314
33	0.000000107	0.000002146	0.000022742	0.000208115	0.001006246
34	0.000000089	0.000001824	0.000019438	0.000182369	0.000886934
35	0.000000074	0.000001557	0.000016680	0.000160351	0.000784185
36	0.000000062	0.000001334	0.000014368	0.000141447	0.000695380
37	0.000000052	0.000001148	0.000012422	0.000125155	0.000618362
38	0.000000044	0.000000992	0.000010776	0.000111063	0.000551349
39	0.000000037	0.000000859	0.000009379	0.000098833	0.000492857
40	0.000000032	0.000000747	0.000008189	0.000088184	0.000441650
41	0.000000027	0.000000652	0.000007171	0.000078882	0.000396691
42	0.000000023	0.000000570	0.000006298	0.000070733	0.000357110
43	0.000000020	0.000000501	0.000005546	0.000063573	0.000322172
44	0.000000017	0.000000441	0.000004897	0.000057266	0.000291254
45	0.000000015	0.000000389	0.000004335	0.000051695	0.000263827
46	0.000000013	0.000000344	0.000003847	0.000046762	0.000239440
47	0.000000011	0.000000305	0.000003422	0.000042383	0.000217707
48	0.000000010	0.000000271	0.000003050	0.000038487	0.000198297
49	0.000000009	0.000000241	0.000002725	0.000035012	0.000180926
50	0.000000008	0.000000216	0.000002440	0.000031908	0.000165349

P(U ≤ U') (CONTINUED)

M = 7

N \ U'	7	8	9	10	11
7	0.383449883	0.616550117	0.791375291	0.922494172	0.974941725
8	0.296037296	0.513597514	0.703962704	0.867132867	0.948717949
9	0.230769231	0.426573427	0.622377622	0.805944056	0.916083916
10	0.181818182	0.354586590	0.548951049	0.743315508	0.879370629
11	0.144796380	0.295657943	0.484152896	0.682126697	0.840497738
12	0.116515837	0.247499405	0.427601810	0.624077161	0.800904977
13	0.094685243	0.208204334	0.378482972	0.570046440	0.761609907
14	0.077657379	0.176040592	0.335913313	0.520381837	0.723297214
15	0.064241486	0.149615349	0.299019608	0.475103199	0.686403509
16	0.053569753	0.127807895	0.267004409	0.434040227	0.651186791
17	0.045003814	0.109724245	0.239165106	0.396921157	0.617779627
18	0.038069482	0.094653630	0.214894945	0.363428334	0.586228417
19	0.032411067	0.082031012	0.193675889	0.333231985	0.556521739
20	0.027759197	0.071406371	0.175068410	0.306009932	0.528610520
21	0.023907970	0.062420189	0.158700720	0.281458397	0.502422215
22	0.020698625	0.054784146	0.144258640	0.259297274	0.477870680
23	0.018007663	0.048266038	0.131476569	0.239272031	0.454862953
24	0.015738285	0.042677999	0.120129679	0.221153608	0.433303861
25	0.013814019	0.037867336	0.110027286	0.204737220	0.413099075
26	0.012174021	0.033770359	0.101067292	0.189840564	0.394157088
27	0.010769542	0.030101777	0.092931540	0.176301803	0.376390434
28	0.009561277	0.026960289	0.085681952	0.163977503	0.359716381
29	0.008517337	0.024215111	0.079157323	0.152740642	0.344057271
30	0.007611696	0.021808228	0.073270657	0.142478752	0.329340607
31	0.006822999	0.019691201	0.067946958	0.133092229	0.315498988
32	0.006133632	0.017823426	0.063121382	0.124492806	0.302469934
33	0.005528987	0.016170731	0.058737709	0.116602194	0.290195649
34	0.004996900	0.014704247	0.054747055	0.109350883	0.278622752
35	0.004527189	0.013399496	0.051106800	0.102677082	0.267701987
36	0.004111300	0.012235651	0.047779684	0.096525788	0.257387930
37	0.003742011	0.011194928	0.044733053	0.090847975	0.247638709
38	0.003413206	0.010262096	0.041938209	0.085599879	0.238415725
39	0.003119682	0.009424064	0.039369876	0.080742379	0.229683391
40	0.002857000	0.008669550	0.037005733	0.076240447	0.221408890
41	0.002621356	0.007988801	0.034826026	0.072062677	0.213561947
42	0.002409483	0.007373361	0.032813234	0.068180864	0.206114617
43	0.002218565	0.006815879	0.030951780	0.064569643	0.199041092
44	0.002046165	0.006309949	0.029227787	0.061206166	0.192317519
45	0.001890173	0.005849973	0.027628868	0.058069825	0.185921843
46	0.001748752	0.005431045	0.026143944	0.055142002	0.179833652
47	0.001620300	0.005048860	0.024763084	0.052405853	0.174036040
48	0.001503417	0.004699629	0.023477374	0.049846121	0.168505486
49	0.001396877	0.004380008	0.022278794	0.047448962	0.163231737
50	0.001299601	0.004087042	0.021160120	0.045201801	0.158197703

P(U ≤ U') (CONTINUED)

M = 7

N \ U'	12	13	14
7	0.995920746	0.999417249	1.000000000
8	0.987878788	0.997668998	0.999844600
9	0.974825175	0.994405594	0.999300699
10	0.957116413	0.989510490	0.998148910
11	0.935520362	0.983031674	0.996229261
12	0.910931174	0.975113122	0.993450822
13	0.884210526	0.965944272	0.989783282
14	0.856114551	0.955727554	0.985242518
15	0.827270382	0.944659443	0.979876161
16	0.798178310	0.932920537	0.973751514
17	0.769225435	0.920671243	0.966946351
18	0.740703141	0.908050759	0.959542334
19	0.712824567	0.895177866	0.951620553
20	0.685740347	0.882152630	0.943258674
21	0.659552042	0.869058478	0.934529239
22	0.634323223	0.855964326	0.925498789
23	0.610088417	0.842926614	0.916227527
24	0.586860234	0.829991158	0.906769345
25	0.564634970	0.817194794	0.897172072
26	0.543396984	0.804566803	0.887477856
27	0.523122096	0.792130145	0.877723614
28	0.503780195	0.779902506	0.867941504
29	0.485337243	0.767897188	0.858159393
30	0.467756796	0.756123857	0.848401317
31	0.451001152	0.744589175	0.838687900
32	0.435032209	0.733297328	0.829036749
33	0.419812096	0.722250471	0.819462806
34	0.405303635	0.711449101	0.809978676
35	0.391470665	0.700892361	0.800594907
36	0.378278267	0.690578304	0.791320252
37	0.365692909	0.680504109	0.782161893
38	0.353682534	0.670666259	0.773125645
39	0.342216600	0.661060692	0.764216134
40	0.331266091	0.651682925	0.755436947
41	0.320803500	0.642528158	0.746790779
42	0.310802800	0.633591362	0.738279544
43	0.301239393	0.624867347	0.729904490
44	0.292090061	0.616350822	0.721666282
45	0.283332905	0.608036443	0.713565093
46	0.274947283	0.599918855	0.705600667
47	0.266913747	0.591992719	0.697772384
48	0.259213979	0.584252743	0.690079318
49	0.251830729	0.576693702	0.682520277
50	0.244747756	0.569310453	0.675093850

P(U ≤ U') (CONTINUED)

M = 8

N \ U'	2	3	4	5	6
8	0.000155400	0.001243201	0.008857809	0.031701632	0.100233100
9	0.000082271	0.000699301	0.005306458	0.020279720	0.068654875
10	0.000045706	0.000411353	0.003290827	0.013368984	0.047922666
11	0.000026461	0.000251383	0.002103675	0.009049774	0.034055728
12	0.000015877	0.000158768	0.001381281	0.006271334	0.024609034
13	0.000009828	0.000103199	0.000928793	0.004437564	0.018059856
14	0.000006254	0.000068799	0.000637959	0.003199174	0.013444038
15	0.000004079	0.000046909	0.000446653	0.002345436	0.010140441
16	0.000032719	0.000032632	0.000318163	0.001745820	0.007741978
17	0.000001849	0.000023114	0.000230220	0.001317523	0.005977394
18	0.000001280	0.000016642	0.000168984	0.001006865	0.004663071
19	0.000000901	0.000012162	0.000125671	0.000778352	0.003672849
20	0.000000643	0.000009009	0.000094591	0.000608088	0.002918820
21	0.000000466	0.000006757	0.000071992	0.000479714	0.002338924
22	0.000000342	0.000005126	0.000055357	0.000381860	0.001888799
23	0.000000254	0.000003930	0.000042973	0.000306513	0.001536370
24	0.000000190	0.000003042	0.000033656	0.000247949	0.001258188
25	0.000000144	0.000002377	0.000026577	0.000202029	0.001036937
26	0.000000110	0.000001873	0.000021150	0.000165728	0.000859706
27	0.000000085	0.000001487	0.000016953	0.000136813	0.000716780
28	0.000000066	0.000001190	0.000013681	0.000113614	0.000600786
29	0.000000052	0.000000958	0.000011112	0.000094877	0.000506087
30	0.000000041	0.000000777	0.000009079	0.000079647	0.000428333
31	0.000000033	0.000000634	0.000007461	0.000067194	0.000364152
32	0.000000026	0.000000520	0.000006163	0.000056954	0.000310904
33	0.000000021	0.000000429	0.000005118	0.000048489	0.000266515
34	0.000000017	0.000000356	0.000004270	0.000041455	0.000229340
35	0.000000014	0.000000297	0.000003579	0.000035584	0.000198071
36	0.000000011	0.000000248	0.000003013	0.000030660	0.000171661
37	0.000000009	0.000000209	0.000002547	0.000026513	0.000149267
38	0.000000008	0.000000176	0.000002161	0.000023006	0.000130206
39	0.000000006	0.000000149	0.000001841	0.000020028	0.000113923
40	0.000000005	0.000000127	0.000001574	0.000017490	0.000099966
41	0.000000004	0.000000109	0.000001350	0.000015320	0.000087962
42	0.000000004	0.000000093	0.000001162	0.000013457	0.000077606
43	0.000000003	0.000000080	0.000001004	0.000011854	0.000068644
44	0.000000003	0.000000069	0.000000869	0.000010469	0.000060866
45	0.000000002	0.000000060	0.000000755	0.000009269	0.000054097
46	0.000000002	0.000000052	0.000000657	0.000008226	0.000048189
47	0.000000002	0.000000045	0.000000574	0.000007318	0.000043020
48	0.000000001	0.000000039	0.000000503	0.000006524	0.000038487
49	0.000000001	0.000000034	0.000000441	0.000005830	0.000034500
50	0.000000001	0.000000030	0.000000388	0.000005220	0.000030988

P(U ≤ U') (CONTINUED)

M = 8

N \ U'	7	8	9	10	11
8	0.214452214	0.404817405	0.595182595	0.785547786	0.899766900
9	0.157342657	0.318593172	0.500000000	0.701563143	0.842657343
10	0.117030029	0.251405457	0.419374743	0.620937886	0.782188400
11	0.088235294	0.199372867	0.352187029	0.546677780	0.721719457
12	0.067396999	0.159085497	0.296618242	0.479995237	0.663372231
13	0.052115583	0.127794978	0.250773994	0.421052632	0.608359133
14	0.040763674	0.103371173	0.212934297	0.369453044	0.557275542
15	0.032226288	0.084192987	0.181630547	0.324538969	0.510319917
16	0.025730450	0.069036033	0.155647198	0.285563945	0.467447391
17	0.020733652	0.056977094	0.133994406	0.251785590	0.428472367
18	0.016850426	0.047318814	0.115872686	0.222512042	0.393135011
19	0.013803588	0.039532448	0.100638492	0.197121719	0.361143205
20	0.011391507	0.033215094	0.087774062	0.175068410	0.332198637
21	0.009465896	0.028057999	0.076862268	0.155878704	0.306009932
22	0.007916555	0.023823131	0.067566217	0.139145812	0.282305001
23	0.006660772	0.020325845	0.059612929	0.124522024	0.260831123
24	0.005635892	0.017422017	0.052780392	0.111711018	0.241358394
25	0.004794026	0.014998463	0.046887330	0.100460626	0.223679207
26	0.004098269	0.012965761	0.041785111	0.090556319	0.207607218
27	0.003519954	0.011252848	0.037351365	0.081815505	0.192975856
28	0.003036648	0.009802930	0.033484918	0.074082611	0.179636613
29	0.002630671	0.008570370	0.030101777	0.067224893	0.167457306
30	0.002287996	0.007518297	0.027131928	0.061128886	0.156320371
31	0.001997424	0.006616778	0.024516777	0.055697419	0.146121283
32	0.001749958	0.005841387	0.022207100	0.050847097	0.136767090
33	0.001538333	0.005172099	0.020161385	0.046506192	0.128175091
34	0.001356644	0.004592427	0.018344502	0.042612871	0.120271649
35	0.001200074	0.004088732	0.016726611	0.039113711	0.112991139
36	0.001064669	0.003649689	0.015282282	0.035962447	0.106275009
37	0.000947168	0.003265853	0.013989772	0.033118925	0.100070959
38	0.000844873	0.002929317	0.012830429	0.030548208	0.094332213
39	0.000755539	0.002633440	0.011788207	0.028219839	0.089016880
40	0.000677293	0.002372621	0.010849256	0.026107201	0.084087390
41	0.000608564	0.002142120	0.010001593	0.024186983	0.079510007
42	0.000548029	0.001937915	0.009234817	0.022438730	0.075254389
43	0.000494572	0.001756580	0.008539872	0.020844449	0.071293215
44	0.000447246	0.001595188	0.007908868	0.019388286	0.067601842
45	0.000405249	0.001451233	0.007334897	0.018056240	0.064158016
46	0.000367892	0.001322561	0.006811905	0.016835925	0.060941613
47	0.000334590	0.001207314	0.006334571	0.015716359	0.057934407
48	0.000304838	0.001103891	0.005898208	0.014687791	0.055119871
49	0.000278202	0.001010901	0.005498682	0.013741544	0.052482996
50	0.000254310	0.000927141	0.005132332	0.012869885	0.050010137

P(≤ U') (CONTINUED)

M = 8

N \ U'	12	13	14	15	16
8	0.968298368	0.991142191	0.998756799	0.999844600	1.000000000
9	0.939407651	0.979720280	0.995845331	0.999300699	0.999958865
10	0.903126285	0.963595228	0.990470314	0.998148910	0.999794323
11	0.861752798	0.943438914	0.982337064	0.996229261	0.999404620
12	0.817408907	0.920100024	0.971445582	0.993450822	0.998690164
13	0.771826625	0.894427245	0.957997936	0.989783282	0.997567448
14	0.726315789	0.867182663	0.942311662	0.985242518	0.995975232
15	0.681810024	0.839009288	0.924754341	0.979876161	0.993875353
16	0.638937497	0.810427604	0.905699885	0.973751514	0.991250505
17	0.598091672	0.781845919	0.885502161	0.966946351	0.988100686
18	0.559492407	0.753576035	0.864480965	0.959542334	0.984439359
19	0.523235026	0.725849802	0.842916118	0.951620553	0.980289855
20	0.489328063	0.698834499	0.821046586	0.943258674	0.975682289
21	0.457721489	0.672646194	0.799072492	0.934529239	0.970651038
22	0.428327375	0.647360935	0.777158600	0.925498789	0.965232768
23	0.401034768	0.623023873	0.755438426	0.916227527	0.959464933
24	0.375720221	0.599656598	0.734018425	0.906769345	0.953384672
25	0.352255117	0.577262961	0.712981977	0.897172072	0.947028037
26	0.330510662	0.555833642	0.692393024	0.887477856	0.940429453
27	0.310361186	0.535349735	0.672299287	0.877723614	0.933621391
28	0.291686247	0.515785513	0.652735065	0.867941504	0.926634169
29	0.274371879	0.497110574	0.633723641	0.858159393	0.919495872
30	0.258311247	0.479291479	0.615279314	0.848401317	0.912232341
31	0.243404888	0.462292999	0.597409118	0.838687900	0.904867223
32	0.229560683	0.446079065	0.580114254	0.829036749	0.897422049
33	0.216693640	0.430613467	0.563391290	0.819462806	0.889916345
34	0.204725571	0.415860375	0.547233142	0.809978676	0.882367752
35	0.193584697	0.401784721	0.531629898	0.800594907	0.874792151
36	0.183205223	0.388352462	0.516569486	0.791320252	0.867203797
37	0.173526906	0.375530759	0.502038223	0.782161893	0.859615442
38	0.164494619	0.363288102	0.488021267	0.773125645	0.852038464
39	0.156057940	0.351594367	0.474502979	0.764216134	0.844482982
40	0.148170757	0.340420857	0.461467217	0.755436947	0.836957965
41	0.140790894	0.329740296	0.448897577	0.746790779	0.829471341
42	0.133879772	0.319526815	0.436777579	0.738279544	0.822030090
43	0.127402086	0.309755918	0.425090820	0.729904490	0.814640336
44	0.121325518	0.300404439	0.413821089	0.721666282	0.807307426
45	0.115620464	0.291450493	0.402952463	0.713565093	0.800036008
46	0.110259792	0.282873419	0.392469372	0.705600667	0.792830099
47	0.105218622	0.274653722	0.382356654	0.697772384	0.785693145
48	0.100474117	0.266773020	0.372599594	0.690079318	0.778628084
49	0.096005308	0.259213979	0.363183947	0.682520277	0.771637392
50	0.091792921	0.251960260	0.354095954	0.675093850	0.764723133

P(U ≤ U') (CONTINUED)

M = 9

N \ U'	2	3	4	5	6
9	0.000041135	0.000370218	0.003002879	0.012217195	0.044467297
10	0.000021650	0.000205677	0.001764489	0.007610037	0.029433415
11	0.000011908	0.000119076	0.001071684	0.004982115	0.019885687
12	0.000006804	0.000071446	0.000670228	0.003215051	0.013693737
13	0.000004021	0.000044228	0.000430220	0.002167183	0.009597523
14	0.000002447	0.000028145	0.000282676	0.001491697	0.006836843
15	0.000001530	0.000018356	0.000189674	0.001046268	0.004943771
16	0.000000979	0.000012237	0.000129713	0.000746460	0.003624616
17	0.000000640	0.000008321	0.000092253	0.000540878	0.002691588
18	0.000000427	0.000005761	0.000063796	0.000397497	0.002022478
19	0.000000290	0.000004054	0.000045751	0.000295936	0.001536435
20	0.000000200	0.000002896	0.000033250	0.000222965	0.001179131
21	0.000000140	0.000002097	0.000024463	0.000169845	0.000913529
22	0.000000099	0.000001538	0.000018204	0.000130704	0.000714035
23	0.000000071	0.000001141	0.000013690	0.000101537	0.000562734
24	0.000000052	0.000000856	0.000010397	0.000079576	0.000446935
25	0.000000038	0.000000648	0.000007969	0.000062877	0.000357551
26	0.000000028	0.000000496	0.000006161	0.000050066	0.000288001
27	0.000000021	0.000000382	0.000004801	0.000040152	0.000233474
28	0.000000016	0.000000297	0.000003770	0.000032419	0.000190421
29	0.000000012	0.000000233	0.000002981	0.000026342	0.000156197
30	0.000000009	0.000000184	0.000002374	0.000021532	0.000128820
31	0.000000007	0.000000146	0.000001902	0.000017700	0.000106788
32	0.000000006	0.000000117	0.000001533	0.000014628	0.000088956
33	0.000000004	0.000000094	0.000001242	0.000012151	0.000074444
34	0.000000004	0.000000076	0.000001013	0.000010141	0.000062574
35	0.000000003	0.000000062	0.000000829	0.000008503	0.000052818
36	0.000000002	0.000000051	0.000000683	0.000007160	0.000044760
37	0.000000002	0.000000042	0.000000565	0.000006054	0.000038077
38	0.000000001	0.000000034	0.000000469	0.000005139	0.000032509
39	0.000000001	0.000000029	0.000000391	0.000004379	0.000027853
40	0.000000001	0.000000024	0.000000328	0.000003745	0.000023943
41	0.000000001	0.000000020	0.000000275	0.000003213	0.000020647
42	0.000000001	0.000000017	0.000000232	0.000002766	0.000017860
43	0.000000001	0.000000014	0.000000197	0.000002389	0.000015494
44	0.000000000	0.000000012	0.000000167	0.000002069	0.000013480
45	0.000000000	0.000000010	0.000000143	0.000001797	0.000011759
46	0.000000000	0.000000009	0.000000122	0.000001566	0.000010285
47	0.000000000	0.000000007	0.000000105	0.000001367	0.000009018
48	0.000000000	0.000000006	0.000000090	0.000001197	0.000007926
49	0.000000000	0.000000005	0.000000078	0.000001051	0.000006983
50	0.000000000	0.000000005	0.000000067	0.000000925	0.000006166

P(U ≤ U') (CONTINUED)

M = 9

N \ U'	7	8	9	10	11
9	0.108967503	0.237967914	0.399218429	0.600781571	0.762032086
10	0.076717400	0.178559830	0.318593172	0.509547728	0.681406828
11	0.054894022	0.134913075	0.254941653	0.429983329	0.605025006
12	0.039890450	0.102762563	0.204929745	0.362110026	0.535008335
13	0.029411765	0.078947368	0.165634675	0.304953560	0.472136223
14	0.021981424	0.061179163	0.134674923	0.257167856	0.416408669
15	0.016636278	0.047816297	0.110176336	0.217357652	0.367411495
16	0.012738776	0.037682791	0.090688824	0.184228882	0.324538969
17	0.009860620	0.029931911	0.075098814	0.156646557	0.287122946
18	0.007709910	0.023959717	0.062553008	0.133645912	0.254503849
19	0.006084930	0.019316915	0.052396878	0.114421810	0.226066687
20	0.004844431	0.015680971	0.044126888	0.098309586	0.201256714
21	0.003888266	0.012812475	0.037354050	0.084763912	0.179583635
22	0.003144582	0.010533443	0.031776419	0.073338765	0.160619690
23	0.002561250	0.008710533	0.027158381	0.063669747	0.143994752
24	0.002100054	0.007243091	0.023315079	0.055459057	0.129392026
25	0.001732694	0.006054574	0.020100682	0.048463015	0.116532615
26	0.001438021	0.005086361	0.017399507	0.042481843	0.105187681
27	0.001200086	0.004293243	0.015119295	0.037351365	0.095154747
28	0.001006763	0.003640127	0.013186071	0.032936300	0.086261919
29	0.000848761	0.003099595	0.011540219	0.029124853	0.078361827
30	0.000718906	0.002650094	0.010133448	0.025824352	0.071327974
31	0.000611617	0.002274585	0.008926456	0.022957745	0.065051612
32	0.000522530	0.001959519	0.007887101	0.020460758	0.059439097
33	0.000448203	0.001694066	0.006988982	0.018279614	0.054409634
34	0.000385910	0.001469521	0.006210318	0.016369170	0.049893381
35	0.000333477	0.001278856	0.005533061	0.014691420	0.045829840
36	0.000289162	0.001116369	0.004942199	0.013214266	0.042166497
37	0.000251562	0.000977411	0.004425195	0.011910516	0.038857670
38	0.000219539	0.000858178	0.003971540	0.010757072	0.035863542
39	0.000192169	0.000755539	0.003572391	0.009734253	0.033149329
40	0.000168695	0.000666914	0.003220284	0.008825243	0.030684584
41	0.000148497	0.000590161	0.002908898	0.008015638	0.028442601
42	0.000131063	0.000523501	0.002632858	0.007293063	0.026399904
43	0.000115969	0.000465448	0.002387584	0.006646860	0.024535822
44	0.000102864	0.000414758	0.002169159	0.006067829	0.022832112
45	0.000091453	0.000370382	0.001974226	0.005548007	0.021272643
46	0.000081491	0.000331441	0.001799895	0.005080483	0.019843131
47	0.000072772	0.000297187	0.001643676	0.004659251	0.018530896
48	0.000065122	0.000266988	0.001503417	0.004279075	0.017324666
49	0.000058393	0.000240304	0.001377251	0.003935380	0.016214403
50	0.000052461	0.000216677	0.001263556	0.003624165	0.015191151

P(U ≤ U') (CONTINUED)

M = 9

N \ U'	12	13	14	15	16
9	0.891032497	0.955532703	0.987782805	0.996997121	0.999629782
10	0.834170473	0.923282600	0.974203815	0.992389963	0.998625214
11	0.773065015	0.885091688	0.955108359	0.985115504	0.996546797
12	0.711050250	0.843081686	0.931103643	0.975113122	0.993076583
13	0.650464396	0.799071207	0.903095975	0.962538700	0.988014153
14	0.592798492	0.754489164	0.872082380	0.947678019	0.981276080
15	0.538901602	0.710391708	0.839009288	0.930878988	0.972876565
16	0.489169471	0.667519182	0.804711267	0.912505048	0.962902140
17	0.443694612	0.626361556	0.769885584	0.892906178	0.951487414
18	0.402377089	0.587218639	0.735091880	0.872402746	0.938794813
19	0.365002534	0.550250329	0.700764163	0.851277997	0.924999059
20	0.331295192	0.515516368	0.667227924	0.829776021	0.910276031
21	0.300952880	0.483006748	0.634718305	0.808102942	0.894795260
22	0.273669270	0.452664437	0.603397210	0.786429862	0.878715233
23	0.249147486	0.424402042	0.573368415	0.764896609	0.862180771
24	0.227107898	0.398113859	0.544690397	0.743615698	0.845321868
25	0.207292081	0.373684436	0.517386924	0.722676193	0.828253531
26	0.189464329	0.350994569	0.491455648	0.702147266	0.811076266
27	0.173411634	0.329929447	0.466874959	0.682081398	0.793876950
28	0.158942762	0.310361186	0.443609398	0.662517176	0.776729930
29	0.145886821	0.292190975	0.421613880	0.643481717	0.759698203
30	0.134091590	0.275309726	0.400836959	0.624992731	0.742834622
31	0.123421775	0.259618822	0.381223329	0.607060269	0.726183050
32	0.113757297	0.245026282	0.362715716	0.589688196	0.709779456
33	0.104991662	0.231446731	0.345256294	0.572875420	0.693652915
34	0.097030454	0.218801224	0.328787727	0.556616911	0.677826526
35	0.089789963	0.207016956	0.313253919	0.540904554	0.662318225
36	0.083195945	0.196026926	0.298600545	0.525727845	0.647141516
37	0.077182512	0.185769564	0.284775405	0.511074471	0.632306113
38	0.071691153	0.176188353	0.271728650	0.496930779	0.617818502
39	0.066669859	0.167231450	0.259412909	0.483282165	0.603682437
40	0.062072356	0.158851318	0.247783337	0.470113385	0.589899370
41	0.057857426	0.151004375	0.236797617	0.457408811	0.576468821
42	0.053988319	0.143650069	0.226415914	0.445152634	0.563388698
43	0.050432224	0.136753565	0.216600805	0.433329027	0.550655584
44	0.047159814	0.130279464	0.207317189	0.421922279	0.538264965
45	0.044144842	0.124197539	0.198532185	0.410916889	0.526211443
46	0.041363791	0.118479489	0.190215022	0.400297654	0.514488911
47	0.038795559	0.113099324	0.182336923	0.390049721	0.503090699
48	0.036421190	0.108033158	0.174870995	0.380158635	0.492009702
49	0.034223635	0.103259027	0.167792110	0.370610373	0.481238516
50	0.032187538	0.098756719	0.161076803	0.361391361	0.470769469

P(U ≤ U') (CONTINUED)

M = 9

N \ U'	17	18
9	0.999958865	1.000000000
10	0.9997794323	0.999989175
11	0.999404620	0.999940462
12	0.998690164	0.999812881
13	0.997567448	0.999557718
14	0.995975232	0.999125050
15	0.993875353	0.998468838
16	0.991250505	0.997550141
17	0.988100686	0.996338673
18	0.984439359	0.994813120
19	0.980289855	0.992960663
20	0.975682289	0.990776041
21	0.970651038	0.988260415
22	0.965232768	0.985420193
23	0.959464933	0.982265908
24	0.953384672	0.978811215
25	0.947028037	0.975072017
26	0.940429453	0.971065734
27	0.933621391	0.966810695
28	0.926634169	0.962325654
29	0.919495872	0.957629406
30	0.912232341	0.952740491
31	0.904867223	0.947676973
32	0.897422049	0.942456271
33	0.889916345	0.937095055
34	0.882367752	0.931609158
35	0.874792151	0.926013544
36	0.867203797	0.920322278
37	0.859615442	0.914548530
38	0.852038464	0.908704584
39	0.844482982	0.902801864
40	0.836957965	0.896850957
41	0.829471341	0.890861658
42	0.822030090	0.884842999
43	0.814640336	0.878803297
44	0.807307426	0.872750187
45	0.800036008	0.866690672
46	0.792830099	0.860631157
47	0.785693145	0.854577491
48	0.778628084	0.848535005
49	0.771637392	0.842508546
50	0.764723133	0.836502516

P(U ≤ U') (CONTINUED)

M = 10

N \ U'	2	3	4	5	6
10	0.000010825	0.000108251	0.000985083	0.004492412	0.018521726
11	0.000005670	0.000059538	0.000569864	0.002738747	0.011924608
12	0.000003093	0.000034022	0.000340217	0.001718096	0.007842003
13	0.000001748	0.000020104	0.000208904	0.001105705	0.005259312
14	0.000001029	0.000012237	0.000131548	0.000728105	0.003591576
15	0.000000612	0.000007648	0.000084742	0.000489482	0.002493912
16	0.000000377	0.000004895	0.000055726	0.000335295	0.001758559
17	0.000000237	0.000003200	0.000037339	0.000233634	0.001257781
18	0.000000152	0.000002134	0.000025451	0.000165357	0.000911522
19	0.000000100	0.000001448	0.000017624	0.000118722	0.000668697
20	0.000000067	0.000000999	0.000012381	0.000086370	0.000496156
21	0.000000045	0.000000699	0.000008816	0.000063605	0.000372045
22	0.000000031	0.000000496	0.000006355	0.000047371	0.000281745
23	0.000000022	0.000000357	0.000004635	0.000035652	0.000215339
24	0.000000015	0.000000259	0.000003417	0.000027096	0.000166013
25	0.000000011	0.000000191	0.000002544	0.000020781	0.000129029
26	0.000000008	0.000000142	0.000001912	0.000016075	0.000101052
27	0.000000006	0.000000106	0.000001450	0.000012534	0.000079712
28	0.000000004	0.000000080	0.000001108	0.000009847	0.000063306
29	0.000000003	0.000000060	0.000000854	0.000007791	0.000050600
30	0.000000002	0.000000047	0.000000663	0.000006205	0.000040691
31	0.000000002	0.000000037	0.000000518	0.000004974	0.000032911
32	0.000000001	0.000000029	0.000000408	0.000004010	0.000026764
33	0.000000001	0.000000022	0.000000323	0.000003252	0.000021878
34	0.000000001	0.000000018	0.000000257	0.000002651	0.000017972
35	0.000000001	0.000000014	0.000000206	0.000002172	0.000014834
36	0.000000000	0.000000011	0.000000166	0.000001789	0.000012298
37	0.000000000	0.000000009	0.000000134	0.000001480	0.000010240
38	0.000000000	0.000000007	0.000000109	0.000001229	0.000008561
39	0.000000000	0.000000006	0.000000089	0.000001026	0.000007185
40	0.000000000	0.000000005	0.000000073	0.000000859	0.000006053
41	0.000000000	0.000000004	0.000000060	0.000000722	0.000005118
42	0.000000000	0.000000003	0.000000050	0.000000610	0.000004342
43	0.000000000	0.000000003	0.000000041	0.000000516	0.000003696
44	0.000000000	0.000000002	0.000000035	0.000000439	0.000003156
45	0.000000000	0.000000002	0.000000029	0.000000374	0.000002703
46	0.000000000	0.000000002	0.000000024	0.000000320	0.000002322
47	0.000000000	0.000000001	0.000000020	0.000000275	0.000002000
48	0.000000000	0.000000001	0.000000017	0.000000236	0.000001728
49	0.000000000	0.000000001	0.000000015	0.000000204	0.000001496
50	0.000000000	0.000000001	0.000000012	0.000000176	0.000001299

P(U ≤ U') (CONTINUED)

M = 10

N \ U'	7	8	9	10	11
10	0.051256793	0.127638615	0.242211349	0.414070450	0.585929550
11	0.034889259	0.092045725	0.184924982	0.334960705	0.500000000
12	0.024172422	0.067039771	0.142057633	0.270659681	0.424982139
13	0.017027864	0.049333692	0.109907121	0.218939292	0.360681115
14	0.012181990	0.036680576	0.085677749	0.177547449	0.306165029
15	0.008841273	0.027549285	0.067303809	0.144474357	0.260230179
16	0.006502772	0.020893550	0.053272801	0.118031302	0.221644905
17	0.004842297	0.015994125	0.042479717	0.096844879	0.189265654
18	0.003647459	0.012352712	0.034115846	0.079818427	0.162083073
19	0.002776933	0.009621064	0.027586906	0.066085139	0.139231783
20	0.002135296	0.007553566	0.022453808	0.054963427	0.119826266
21	0.001657213	0.005975379	0.018390106	0.045918412	0.103727856
22	0.001297366	0.004760895	0.015151481	0.038530301	0.089963703
23	0.001023930	0.003819058	0.012553835	0.032469125	0.078274293
24	0.000814295	0.003083282	0.010457488	0.027474888	0.068316648
25	0.000652225	0.002504459	0.008755748	0.023342091	0.059807948
26	0.000525936	0.002046077	0.007366573	0.019907741	0.052514777
27	0.000426796	0.001680779	0.006226467	0.017042068	0.046244193
28	0.000348422	0.001387908	0.005285980	0.014641351	0.040836392
29	0.000286053	0.001151758	0.004506365	0.012622350	0.036158706
30	0.000236109	0.000960304	0.003857087	0.010917993	0.032100714
31	0.000195876	0.000804278	0.003313940	0.009474018	0.028570260
32	0.000163283	0.000676493	0.002857638	0.008246348	0.025490221
33	0.000136737	0.000571340	0.002472730	0.007199041	0.022795866
34	0.000115007	0.000484620	0.002146777	0.006302671	0.020432711
35	0.000097132	0.000412259	0.001869718	0.005533061	0.018354764
36	0.000082361	0.000352102	0.001633373	0.004870268	0.016523092
37	0.000070100	0.000301754	0.001431067	0.004297786	0.014904644
38	0.000059880	0.000259454	0.001257327	0.003801901	0.013471285
39	0.000051326	0.000223787	0.001107646	0.003371187	0.012198998
40	0.000044141	0.000193606	0.000978301	0.002996086	0.011067227
41	0.000038081	0.000167982	0.000866201	0.002668580	0.010058334
42	0.000032954	0.000146157	0.000768775	0.002381923	0.009157145
43	0.000028600	0.000127509	0.000683873	0.002130420	0.008350571
44	0.000024890	0.000111528	0.000609691	0.001909248	0.007627298
45	0.000021721	0.000097792	0.000544713	0.001714314	0.006977519
46	0.000019004	0.000085955	0.000487659	0.001542134	0.006392719
47	0.000016668	0.000075725	0.000437446	0.001389733	0.005865481
48	0.000014655	0.000066862	0.000393154	0.001254565	0.005389338
49	0.000012915	0.000059164	0.000353999	0.001134445	0.004958632
50	0.000011407	0.000052461	0.000319312	0.001027495	0.004568409

P(U ≤ U') (CONTINUED)

M = 10

N \ U'	12	13	14	15	16
10	0.757788651	0.872361385	0.948743207	0.981478274	0.995507588
11	0.680042867	0.815075018	0.915098833	0.965110741	0.989606369
12	0.605025006	0.755060729	0.875089307	0.943677066	0.980420508
13	0.535132589	0.695046440	0.830730919	0.917956656	0.967799935
14	0.471530489	0.636895948	0.783887468	0.888881411	0.951877776
15	0.414571275	0.581774128	0.736115224	0.857383228	0.932978867
16	0.364113609	0.530327097	0.688625656	0.824310136	0.911535873
17	0.319742043	0.482837529	0.642308670	0.790389016	0.888024409
18	0.280909784	0.439345399	0.597781014	0.756216629	0.862918165
19	0.247026836	0.399736495	0.555440462	0.722266140	0.836660890
20	0.217511524	0.363804811	0.515516368	0.688901004	0.809651019
21	0.191818438	0.331295192	0.478112827	0.656391385	0.782235072
22	0.169451689	0.301931664	0.443243639	0.624930463	0.754706766
23	0.149969339	0.275435669	0.410859645	0.594649325	0.727309546
24	0.132982768	0.251537321	0.380869560	0.565629902	0.700241009
25	0.118153319	0.229981947	0.353155509	0.537915851	0.673658143
26	0.105187681	0.210533490	0.327584389	0.511521516	0.647682766
27	0.093832840	0.192975856	0.304016033	0.486439181	0.622406745
28	0.083871102	0.177112973	0.282308930	0.462644857	0.597896802
29	0.075115433	0.162768070	0.262324151	0.440102866	0.574198812
30	0.067405248	0.149782494	0.243927918	0.418769420	0.551341548
31	0.060602667	0.138014316	0.226993223	0.398595401	0.529339917
32	0.054589257	0.127336847	0.211400729	0.379528492	0.508197699
33	0.049263206	0.117637169	0.197039189	0.361514803	0.487909857
34	0.044536896	0.108814722	0.183805519	0.344500085	0.468464464
35	0.040334825	0.100779994	0.171604635	0.328430628	0.449844300
36	0.036591844	0.093453306	0.160349145	0.313253919	0.432028163
37	0.033251643	0.086763723	0.149958940	0.298919097	0.414991946
38	0.030265478	0.080648056	0.140360742	0.285377264	0.398709504
39	0.027591078	0.075049992	0.131487620	0.272581689	0.383153367
40	0.025191724	0.069919299	0.123278510	0.260487911	0.368295298
41	0.023035463	0.065211133	0.115677746	0.249053795	0.354106744
42	0.021094440	0.060885423	0.108634603	0.238239520	0.340559192
43	0.019344327	0.056906325	0.102102876	0.228007553	0.327624441
44	0.017763840	0.053241740	0.096040476	0.218322578	0.315274816
45	0.016334328	0.049862892	0.090409063	0.209151420	0.303483328
46	0.015039412	0.046743956	0.085173706	0.200462955	0.292223786
47	0.013864690	0.043861725	0.080302566	0.192228009	0.281470886
48	0.012797472	0.041195322	0.075766616	0.184419257	0.271200262
49	0.011826560	0.038725943	0.071539376	0.177011122	0.261388520
50	0.010942054	0.036436634	0.067596676	0.169979673	0.252013253

P(U ≤ U') (CONTINUED)

M = 10

N \ U'	17	18	19	20
10	0.999014917	0.999891749	0.999989175	1.000000000
11	0.997261253	0.999557718	0.999940462	0.999997165
12	0.994199299	0.998792229	0.999812881	0.999982989
13	0.989606369	0.997394381	0.999557718	0.999942311
14	0.983375959	0.995187778	0.999125050	0.999854175
15	0.975501413	0.992037959	0.998468838	0.999693768
16	0.966051959	0.987858393	0.997550141	0.999434648
17	0.955148741	0.982608696	0.996338673	0.999050767
18	0.942944317	0.976288547	0.994813120	0.998518034
19	0.929606625	0.968929821	0.992960663	0.997815378
20	0.915307281	0.960588537	0.990776041	0.996925347
21	0.900213530	0.951337528	0.988260415	0.995834341
22	0.884483069	0.941260201	0.985420193	0.994532572
23	0.868261031	0.930445509	0.982265908	0.993013843
24	0.851678503	0.918984056	0.978811215	0.991275206
25	0.834852115	0.906965208	0.975072017	0.989316579
26	0.817884328	0.894475031	0.971065734	0.987140326
27	0.800864172	0.881594913	0.966810695	0.984750860
28	0.783868227	0.868400692	0.962325654	0.982154257
29	0.766961734	0.854962198	0.957629406	0.979357916
30	0.750199740	0.841343078	0.952740491	0.976370246
31	0.733628224	0.827600846	0.947676973	0.973200401
32	0.717285160	0.813787065	0.942456271	0.969858047
33	0.701201509	0.799947644	0.937095055	0.966353169
34	0.685402127	0.786123185	0.931609158	0.962695904
35	0.669906580	0.772349365	0.926013544	0.958896413
36	0.654729871	0.758657335	0.920322278	0.954964766
37	0.639883090	0.745074110	0.914548530	0.950910858
38	0.625373984	0.731622959	0.908704584	0.946744341
39	0.611207454	0.718323768	0.902801864	0.942474572
40	0.597385994	0.705193381	0.896850957	0.938110574
41	0.583910071	0.692245925	0.890861658	0.933661008
42	0.570778452	0.679493103	0.884842999	0.929134154
43	0.557988494	0.666944964	0.878803297	0.924537902
44	0.545536383	0.654607651	0.872750187	0.919879747
45	0.533417353	0.642488621	0.866690672	0.915166791
46	0.521625864	0.630591851	0.860631157	0.910405744
47	0.510155760	0.618920518	0.854577491	0.905602933
48	0.499000401	0.607476657	0.848535005	0.900764314
49	0.488152775	0.596261315	0.842508546	0.895895480
50	0.477605600	0.585274675	0.836502516	0.891001677

P(U ≤ U') (CONTINUED)

M = 11

N \ U'	2	3	4	5	6
11	0.000002835	0.000031187	0.000314701	0.001590515	0.007331678
12	0.000001479	0.000017011	0.000179723	0.000952608	0.004613639
13	0.000000801	0.000009615	0.000105763	0.000586505	0.002966175
14	0.000000449	0.000005609	0.000063939	0.000370171	0.001945080
15	0.000000259	0.000003365	0.000039606	0.000238929	0.001298964
16	0.000000153	0.000002071	0.000025081	0.000157387	0.000882198
17	0.000000093	0.000001304	0.000016206	0.000105615	0.000608545
18	0.000000058	0.000000838	0.000010666	0.000072087	0.000425872
19	0.000000037	0.000000549	0.000007139	0.000049975	0.000302047
20	0.000000024	0.000000366	0.000004854	0.000035147	0.000216907
21	0.000000016	0.000000248	0.000003348	0.000025050	0.000157582
22	0.000000010	0.000000171	0.000002341	0.000018074	0.000115730
23	0.000000007	0.000000119	0.000001657	0.000013191	0.000085859
24	0.000000005	0.000000084	0.000001186	0.000009731	0.000064306
25	0.000000003	0.000000060	0.000000859	0.000007250	0.000048595
26	0.000000002	0.000000043	0.000000628	0.000005453	0.000037032
27	0.000000002	0.000000032	0.000000464	0.000004137	0.000028445
28	0.000000001	0.000000023	0.000000345	0.000003165	0.000022012
29	0.000000001	0.000000017	0.000000260	0.000002440	0.000017155
30	0.000000001	0.000000013	0.000000197	0.000001895	0.000013460
31	0.000000000	0.000000010	0.000000150	0.000001482	0.000010628
32	0.000000000	0.000000007	0.000000115	0.000001166	0.000008442
33	0.000000000	0.000000006	0.000000089	0.000000924	0.000006744
34	0.000000000	0.000000004	0.000000069	0.000000736	0.000005417
35	0.000000000	0.000000003	0.000000054	0.000000590	0.000004374
36	0.000000000	0.000000003	0.000000043	0.000000475	0.000003549
37	0.000000000	0.000000002	0.000000034	0.000000385	0.000002894
38	0.000000000	0.000000002	0.000000027	0.000000313	0.000002370
39	0.000000000	0.000000001	0.000000022	0.000000256	0.000001949
40	0.000000000	0.000000001	0.000000017	0.000000210	0.000001610
41	0.000000000	0.000000001	0.000000014	0.000000173	0.000001335
42	0.000000000	0.000000001	0.000000011	0.000000143	0.000001111
43	0.000000000	0.000000001	0.000000009	0.000000119	0.000000929
44	0.000000000	0.000000000	0.000000008	0.000000099	0.000000778
45	0.000000000	0.000000000	0.000000006	0.000000083	0.000000655
46	0.000000000	0.000000000	0.000000005	0.000000070	0.000000553
47	0.000000000	0.000000000	0.000000004	0.000000059	0.000000468
48	0.000000000	0.000000000	0.000000004	0.000000050	0.000000397
49	0.000000000	0.000000000	0.000000003	0.000000042	0.000000338
50	0.000000000	0.000000000	0.000000002	0.000000036	0.000000289

P(U ≤ U') (CONTINUED)

M = 11

N \ U'	7	8	9	10	11
11	0.022641445	0.063467492	0.134913075	0.259942844	0.409978566
12	0.014986561	0.044274813	0.099190283	0.201699162	0.334960705
13	0.010105186	0.031257812	0.073563064	0.156851528	0.273455378
14	0.006932292	0.022331404	0.055054516	0.122425629	0.223482299
15	0.004832414	0.016139453	0.041580293	0.095995423	0.183059631
16	0.003419034	0.011794619	0.031686633	0.075658456	0.150410553
17	0.002452620	0.008711299	0.024357996	0.059954233	0.124027460
18	0.001782047	0.006499180	0.018881652	0.047774089	0.102669718
19	0.001310334	0.004895355	0.014754161	0.038280860	0.085334256
20	0.000974238	0.003720827	0.011617268	0.030843387	0.071218237
21	0.000731892	0.002852420	0.009214003	0.024985429	0.059682566
22	0.000555181	0.002204481	0.007358542	0.020346775	0.050219710
23	0.000424974	0.001716840	0.005915405	0.016654042	0.042426770
24	0.000328084	0.001346812	0.004785022	0.013698898	0.035983588
25	0.000255317	0.001063834	0.003893634	0.011321864	0.030635263
26	0.000200191	0.000845811	0.003186184	0.009400276	0.026178324
27	0.000158086	0.000676650	0.002621266	0.007839320	0.022449869
28	0.000125675	0.000544516	0.002167522	0.006565347	0.019319037
29	0.000100545	0.000440643	0.001801037	0.005520863	0.016680343
30	0.000080924	0.000358490	0.001503451	0.004660767	0.014448447
31	0.000065504	0.000293137	0.001260580	0.003949503	0.012554057
32	0.000053309	0.000240861	0.001061401	0.003358913	0.010940703
33	0.000043608	0.000198823	0.000897293	0.002866589	0.009562196
34	0.000035847	0.000164848	0.000761479	0.002454621	0.008380618
35	0.000029605	0.000137257	0.000648603	0.002108632	0.007364733
36	0.000024559	0.000114746	0.000554408	0.001817027	0.006488716
37	0.000020460	0.000096299	0.000475494	0.001570421	0.005731145
38	0.000017114	0.000081117	0.000409135	0.001361187	0.005074189
39	0.000014371	0.000068573	0.000353132	0.001183097	0.004502958
40	0.000012112	0.000058166	0.000305705	0.001031053	0.004004978
41	0.000010245	0.000049501	0.000265408	0.000900862	0.003569770
42	0.000008696	0.000042260	0.000231059	0.000789067	0.003188497
43	0.000007405	0.000036188	0.000201691	0.000692802	0.002853693
44	0.000006325	0.000031079	0.000176505	0.000609691	0.002559026
45	0.000005420	0.000026766	0.000154846	0.000537751	0.002299115
46	0.000004657	0.000023115	0.000136168	0.000475326	0.002069372
47	0.000004014	0.000020014	0.000120017	0.000421028	0.001865877
48	0.000003468	0.000017373	0.000106017	0.000373687	0.001685270
49	0.000003005	0.000015117	0.000093850	0.000332320	0.001524668
50	0.000002610	0.000013186	0.000083252	0.000296093	0.001381587

P(U ≤ U') (CONTINUED)

M = 11

N \ U'	12	13	14	15	16
11	0.590021434	0.740057156	0.865086925	0.936532508	0.977358555
12	0.507175622	0.665039295	0.808551726	0.900809717	0.959386219
13	0.433369229	0.593283080	0.748754880	0.859806165	0.935955618
14	0.369003904	0.526652309	0.688542980	0.815385651	0.907780320
15	0.313655943	0.466018307	0.629263696	0.769188316	0.875797550
16	0.266496164	0.411603177	0.572833191	0.722546776	0.841001481
17	0.226544622	0.363234172	0.519857615	0.676481058	0.804336929
18	0.192814119	0.320518688	0.470759357	0.631731503	0.766641491
19	0.164383962	0.282958521	0.425687156	0.588805597	0.728621404
20	0.140432265	0.250021143	0.384603976	0.548025987	0.690848585
21	0.120244840	0.221181965	0.347353370	0.509573749	0.653769641
22	0.103211701	0.195947684	0.313707662	0.473524776	0.617724668
23	0.088817682	0.173867688	0.283401785	0.439879068	0.582944012
24	0.076630864	0.154538141	0.256156329	0.408583611	0.549604770
25	0.066290767	0.137601776	0.231692691	0.379549843	0.517805882
26	0.057497349	0.122745316	0.209742606	0.352666725	0.487601297
27	0.050001191	0.109695723	0.190053746	0.327810356	0.459007128
28	0.043595327	0.098216005	0.172392642	0.304850921	0.432010870
29	0.038106543	0.088101009	0.156645815	0.283657596	0.406578880
30	0.033392343	0.079173426	0.142319747	0.264101938	0.382662377
31	0.029332937	0.071280136	0.129540134	0.246060132	0.360202170
32	0.025828582	0.064288936	0.118050721	0.229414418	0.339132346
33	0.022795866	0.058085653	0.107711916	0.214053908	0.319383119
34	0.020164886	0.052571624	0.098399333	0.199874976	0.300882988
35	0.017876936	0.047661512	0.090002331	0.186781344	0.283560358
36	0.015882600	0.043281427	0.082422610	0.174683968	0.267344725
37	0.014140186	0.039367309	0.075572903	0.163500773	0.252167532
38	0.012614438	0.035863542	0.069375764	0.153156317	0.237962756
39	0.011275473	0.032721771	0.063762467	0.143581397	0.224667295
40	0.010097899	0.029899890	0.058672014	0.134712627	0.212221206
41	0.009060094	0.027361173	0.054050247	0.126492020	0.200567818
42	0.008143601	0.025073538	0.049849056	0.118866570	0.189653764
43	0.007332631	0.023008912	0.046025674	0.111787851	0.179428947
44	0.006613643	0.021152088	0.042472056	0.105211633	0.169846659
45	0.005975004	0.019453264	0.039364330	0.099097528	0.160862468
46	0.005406692	0.017921644	0.036462312	0.093408652	0.152436087
47	0.004900059	0.016531093	0.033809079	0.088111318	0.144529229
48	0.004447626	0.015266851	0.031380590	0.083174751	0.137106449
49	0.004042909	0.014115869	0.029155359	0.078570825	0.130134791
50	0.003680278	0.013066602	0.027114163	0.074273828	0.123583631

P(U ≤ U') (CONTINUED)

M = 11

N \ U'	17	18	19	20	21
11	0.992668322	0.998409485	0.999685299	0.999968813	0.999997165
12	0.985013439	0.995996533	0.999047392	0.999860955	0.999982989
13	0.974030344	0.991877872	0.997827048	0.999589767	0.999942311
14	0.959752322	0.985738323	0.995843990	0.999052138	0.999854175
15	0.942428321	0.977409476	0.992956656	0.998139050	0.999693768
16	0.922439090	0.966859604	0.989069861	0.996747481	0.999434648
17	0.900228833	0.954168029	0.984134249	0.994788905	0.999050767
18	0.876255857	0.939494914	0.978141005	0.992194128	0.998518034
19	0.850960234	0.923052759	0.971114443	0.988915066	0.997815378
20	0.824744770	0.905082482	0.963104162	0.984924281	0.996925347
21	0.797965533	0.885834905	0.954177750	0.980213119	0.995834341
22	0.770928804	0.865557358	0.944414486	0.974789084	0.994532572
23	0.743892074	0.844484613	0.933900203	0.968672932	0.993013843
24	0.717067397	0.822833266	0.922723254	0.961895798	0.991275206
25	0.690625930	0.800798710	0.910971491	0.954496540	0.989316579
26	0.664702922	0.778553967	0.898730070	0.946519398	0.987140326
27	0.639402690	0.756249815	0.886079954	0.938012010	0.984750860
28	0.614803295	0.734015747	0.873096940	0.929023770	0.982154257
29	0.590960805	0.711961443	0.859851112	0.919604514	0.979357916
30	0.567913064	0.690178518	0.846406597	0.909803499	0.976370246
31	0.545682982	0.668742367	0.832821547	0.899668620	0.973200401
32	0.524281350	0.647714019	0.819148282	0.889245847	0.969858047
33	0.503709238	0.627141907	0.805433541	0.878578826	0.966353169
34	0.483960011	0.607063527	0.791718800	0.867708624	0.962695904
35	0.465021009	0.587506948	0.778040631	0.856673580	0.958896413
36	0.446874944	0.568492188	0.764431083	0.845509246	0.954964766
37	0.429501052	0.550032428	0.750918055	0.834248390	0.950910858
38	0.412876034	0.532135088	0.737525680	0.822921052	0.946744341
39	0.396974827	0.514802772	0.724274674	0.811554633	0.942474572
40	0.381771221	0.498034089	0.711182680	0.800174011	0.938110574
41	0.367238363	0.481824362	0.698264584	0.788801670	0.933661008
42	0.353349151	0.466166241	0.685532806	0.777457843	0.929134154
43	0.340076552	0.451050226	0.672997574	0.766160658	0.924537902
44	0.327393846	0.436465114	0.660667166	0.754926286	0.919879747
45	0.315274816	0.422398383	0.648548136	0.743769084	0.915166791
46	0.303693890	0.408836509	0.636645517	0.732701737	0.910405744
47	0.292626246	0.395765240	0.624963004	0.721735393	0.905602933
48	0.282047888	0.383169822	0.613503116	0.710879793	0.900764314
49	0.271935694	0.371035190	0.602267345	0.700143390	0.895895480
50	0.262267451	0.359346125	0.591256290	0.689533466	0.891001677

P(U ≤ U') (CONTINUED)

M = 11

N \ U'	22
11	1.000000000
12	0.999999260
13	0.999995193
14	0.999982501
15	0.999952887
16	0.999895305
17	0.999796593
18	0.999642284
19	0.999417434
20	0.999107359
21	0.998698232
22	0.998177524
23	0.997534297
24	0.996759362
25	0.995845336
26	0.994786619
27	0.993579309
28	0.992221086
29	0.990711062
30	0.989049626
31	0.987238286
32	0.985279511
33	0.983176584
34	0.980933462
35	0.978554650
36	0.976045088
37	0.973410048
38	0.970655045
39	0.967785760
40	0.964807974
41	0.961727505
42	0.958550165
43	0.955281720
44	0.951927848
45	0.948494123
46	0.944985983
47	0.941408717
48	0.937767451
49	0.934067137
50	0.930312548

P(U ≤ U') (CONTINUED)

N = 12

N \ U'	2	3	4	5	6
12	0.000000740	0.000008875	0.000098367	0.000545826	0.002783123
13	0.000000385	0.000004807	0.000055574	0.000322097	0.001718170
14	0.000000207	0.000002692	0.000032306	0.000195181	0.001083591
15	0.000000115	0.000001553	0.000019271	0.000121147	0.000696968
16	0.000000066	0.000000920	0.000011768	0.000076853	0.000456515
17	0.000000039	0.000000559	0.000007342	0.000049734	0.000304089
18	0.000000023	0.000000347	0.000004671	0.000032777	0.000205739
19	0.000000014	0.000000220	0.000003026	0.000021967	0.000141227
20	0.000000009	0.000000142	0.000001993	0.000014952	0.000098258
21	0.000000006	0.000000093	0.000001333	0.000010324	0.000069227
22	0.000000004	0.000000062	0.000000905	0.000007223	0.000049350
23	0.000000002	0.000000042	0.000000622	0.000005117	0.000035568
24	0.000000002	0.000000029	0.000000433	0.000003667	0.000025901
25	0.000000001	0.000000020	0.000000305	0.000002656	0.000019045
26	0.000000001	0.000000014	0.000000217	0.000001944	0.000014132
27	0.000000001	0.000000010	0.000000156	0.000001436	0.000010577
28	0.000000000	0.000000007	0.000000113	0.000001070	0.000007981
29	0.000000000	0.000000005	0.000000805	0.000007223	0.000006069
30	0.000000000	0.000000004	0.000000061	0.000000610	0.000004648
31	0.000000000	0.000000003	0.000000046	0.000000465	0.000003585
32	0.000000000	0.000000002	0.000000034	0.000000358	0.000002783
33	0.000000000	0.000000002	0.000000026	0.000000277	0.000002174
34	0.000000000	0.000000001	0.000000020	0.000000216	0.000001708
35	0.000000000	0.000000001	0.000000015	0.000000169	0.000001350
36	0.000000000	0.000000001	0.000000012	0.000000133	0.000001073
37	0.000000000	0.000000001	0.000000009	0.000000106	0.000000857
38	0.000000000	0.000000000	0.000000007	0.000000084	0.000000688
39	0.000000000	0.000000000	0.000000006	0.000000067	0.000000555
40	0.000000000	0.000000000	0.000000004	0.000000054	0.000000449
41	0.000000000	0.000000000	0.000000003	0.000000044	0.000000366
42	0.000000000	0.000000000	0.000000003	0.000000036	0.000000299
43	0.000000000	0.000000000	0.000000002	0.000000029	0.000000245
44	0.000000000	0.000000000	0.000000002	0.000000024	0.000000202
45	0.000000000	0.000000000	0.000000001	0.000000020	0.000000167
46	0.000000000	0.000000000	0.000000001	0.000000016	0.000000138
47	0.000000000	0.000000000	0.000000001	0.000000013	0.000000115
48	0.000000000	0.000000000	0.000000001	0.000000011	0.000000096
49	0.000000000	0.000000000	0.000000001	0.000000009	0.000000081
50	0.000000000	0.000000000	0.000000001	0.000000008	0.000000068

P(U ≤ U') (CONTINUED)

N = 12

N \ U'	7	8	9	10	11
12	0.009495014	0.029630687	0.069902032	0.150444723	0.263204490
13	0.006139069	0.020099802	0.049766360	0.112589658	0.206824606
14	0.004044959	0.013817472	0.035805627	0.084668192	0.162848297
15	0.002712344	0.009622201	0.026033113	0.064037331	0.128644501
16	0.001848611	0.006784224	0.019123256	0.048736932	0.102041549
17	0.001279118	0.004840090	0.014187643	0.037333965	0.081311976
18	0.000897585	0.003492008	0.010626670	0.028787630	0.065109550
19	0.000638142	0.002546299	0.008032248	0.022343419	0.052396878
20	0.000459253	0.001875462	0.006124091	0.017453769	0.042379059
21	0.000334293	0.001394557	0.004707882	0.013720125	0.034448285
22	0.000245938	0.001046333	0.003647618	0.010851176	0.028139714
23	0.000182749	0.000791771	0.002847223	0.008632937	0.023097224
24	0.000137072	0.000603989	0.002238200	0.006907373	0.019047224
25	0.000103721	0.000464275	0.001771283	0.005557099	0.015778802
26	0.000079138	0.000359473	0.001410729	0.004494414	0.013128731
27	0.000060855	0.000280247	0.001130394	0.003653409	0.010970152
28	0.000047143	0.000219914	0.000911001	0.002984261	0.009204041
29	0.000036777	0.000173645	0.000738229	0.002449090	0.007752759
30	0.000028880	0.000137924	0.000601361	0.002018931	0.006555157
31	0.000022822	0.000110170	0.000492317	0.001671512	0.005562857
32	0.000018143	0.000088475	0.000404969	0.001389617	0.004737420
33	0.000014505	0.000071417	0.000334637	0.001159866	0.004048167
34	0.000011659	0.000057932	0.000277725	0.000971808	0.003470507
35	0.000009420	0.000047213	0.000231452	0.000817239	0.002984648
36	0.000007649	0.000038651	0.000193660	0.000689689	0.002574598
37	0.000006240	0.000031777	0.000162658	0.000584029	0.002227378
38	0.000005113	0.000026234	0.000137120	0.000496180	0.001932418
39	0.000004208	0.000021744	0.000115999	0.000422877	0.001681076
40	0.000003477	0.000018090	0.000098463	0.000361501	0.001466262
41	0.000002885	0.000015106	0.000083850	0.000309941	0.001282135
42	0.000002402	0.000012658	0.000071629	0.000266488	0.001123871
43	0.000002008	0.000010643	0.000061373	0.000229754	0.000987469
44	0.000001684	0.000008978	0.000052738	0.000198607	0.000869602
45	0.000001417	0.000007597	0.000045445	0.000172120	0.000767494
46	0.000001197	0.000006447	0.000039265	0.000149534	0.000678822
47	0.000001013	0.000005488	0.000034015	0.000130221	0.000601634
48	0.000000861	0.000004685	0.000029540	0.000113665	0.000534282
49	0.000000733	0.000004010	0.000025716	0.000099435	0.000475402
50	0.000000627	0.000003441	0.000022440	0.000087175	0.000423798

P(U ≤ U') (CONTINUED)

M = 12

N \ U'	12	13	14	15	16
12	0.421068163	0.578931837	0.736795510	0.849555277	0.930097968
13	0.347548795	0.500000000	0.664178220	0.793175394	0.893692672
14	0.285981963	0.429637906	0.593816126	0.734540315	0.851810472
15	0.235056311	0.368071073	0.527688787	0.675905236	0.806205411
16	0.193251671	0.314865168	0.466882039	0.618898910	0.758506240
17	0.159083616	0.269260107	0.411841448	0.564607170	0.710098334
18	0.131215445	0.230374287	0.362586075	0.513685263	0.662086250
19	0.108496670	0.197321339	0.318870887	0.466466767	0.615302948
20	0.089963703	0.169271444	0.280302281	0.423056214	0.570342018
21	0.074823134	0.145479121	0.246416246	0.383402343	0.527598236
22	0.062428649	0.125291697	0.216728856	0.347353370	0.487308207
23	0.052257226	0.108147229	0.190767234	0.314697242	0.449587046
24	0.043887225	0.093567228	0.168087233	0.285190097	0.414459493
25	0.036979373	0.081147227	0.148282367	0.258575810	0.381885249
26	0.031260798	0.070546942	0.130987165	0.234598974	0.351778997
27	0.026511923	0.061480909	0.115877109	0.213013181	0.324025834
28	0.022555836	0.053710023	0.102666603	0.193585966	0.298492924
29	0.019249745	0.047034126	0.091105903	0.176101473	0.275038116
30	0.016478150	0.041285633	0.080977607	0.160361553	0.253516184
31	0.014147400	0.036324137	0.072093066	0.146185848	0.233783226
32	0.012181360	0.032031865	0.064288936	0.133411231	0.215699677
33	0.010517961	0.028309895	0.057423970	0.121890848	0.199132270
34	0.009106461	0.025074998	0.051376118	0.111492965	0.183955234
35	0.007905254	0.022257021	0.046039949	0.102099707	0.170050930
36	0.006880128	0.019796718	0.041324368	0.093605805	0.157310076
37	0.006002866	0.017643953	0.037150640	0.085917358	0.145631706
38	0.005250128	0.015756209	0.033450662	0.078950684	0.134922933
39	0.004602553	0.014097354	0.030165479	0.072631237	0.125098582
40	0.004044036	0.012636616	0.027244002	0.066892621	0.116080757
41	0.003561137	0.011347729	0.024641909	0.061675697	0.107798364
42	0.003142617	0.010208227	0.022320703	0.056927776	0.100186616
43	0.002779044	0.009198855	0.020246900	0.052601891	0.093186549
44	0.002462488	0.008303067	0.018391340	0.048656161	0.086744540
45	0.002186259	0.007506624	0.016728592	0.045053206	0.080811855
46	0.001944702	0.006797242	0.015236443	0.041759646	0.075344221
47	0.001733024	0.006164302	0.013895469	0.038745646	0.070301427
48	0.001547153	0.005598607	0.012688652	0.035984515	0.065646949
49	0.001383619	0.005092175	0.011601069	0.033452356	0.061347616
50	0.001239463	0.004638066	0.010619608	0.031127751	0.057373291

P(U ≤ U') (CONTINUED)

M = 12

N \ U'	17	18	19	20	21
12	0.970369313	0.990504986	0.997216877	0.999454174	0.999901633
13	0.950233640	0.981645290	0.993860931	0.998514509	0.999677903
14	0.925104321	0.969080630	0.988625656	0.996769417	0.999212545
15	0.895786782	0.952793108	0.981296271	0.993964344	0.998398169
16	0.863211738	0.933015403	0.971795217	0.989892463	0.997131362
17	0.828309905	0.910148685	0.960161273	0.984409800	0.995321637
18	0.791937114	0.884687731	0.946521476	0.977438348	0.992896785
19	0.754836867	0.857161742	0.931063040	0.968961142	0.989805097
20	0.717627822	0.828092175	0.914008894	0.959012890	0.986015287
21	0.680806371	0.797965533	0.895598169	0.947668907	0.981514888
22	0.644757398	0.767217880	0.876071642	0.935034096	0.976307814
23	0.609768689	0.736227880	0.855661561	0.921232994	0.970411568
24	0.576046238	0.705315634	0.834585029	0.906401360	0.963854425
25	0.543728889	0.674745168	0.813040130	0.890679407	0.956672792
26	0.512901529	0.644729055	0.791204083	0.874206600	0.948908866
27	0.483606523	0.615434049	0.769232829	0.857117846	0.940608613
28	0.455853360	0.586987057	0.747261575	0.839540843	0.931820111
29	0.429626621	0.559480964	0.725405959	0.821594361	0.922592184
30	0.404892460	0.532980078	0.703763568	0.803387271	0.912973344
31	0.381603802	0.507525033	0.682415632	0.785018116	0.903010974
32	0.359704458	0.483137127	0.661428760	0.766575108	0.892750725
33	0.339132346	0.459822067	0.640856648	0.748136400	0.882236090
34	0.319821991	0.437573179	0.620741695	0.729770573	0.871508115
35	0.301706423	0.416374111	0.601111497	0.711537233	0.860605227
36	0.284718618	0.396201092	0.582005216	0.693487690	0.849563154
37	0.268792550	0.377024806	0.563424803	0.675665662	0.838414906
38	0.253863963	0.358811930	0.545386094	0.658107984	0.827190820
39	0.239870900	0.341526382	0.527894766	0.640845301	0.815918631
40	0.226754064	0.325130337	0.510952186	0.623902721	0.804623578
41	0.214457030	0.309585030	0.494556140	0.607300436	0.793328524
42	0.202926363	0.294851400	0.478701474	0.591054296	0.782054095
43	0.192111653	0.280890592	0.463380634	0.575176335	0.770818812
44	0.181965489	0.267664342	0.448584144	0.559675251	0.759639242
45	0.172443394	0.255135270	0.434301002	0.544556837	0.748530132
46	0.163503731	0.243267098	0.420519023	0.529824376	0.737504548
47	0.155107588	0.232024803	0.407225128	0.515478987	0.726574013
48	0.147218642	0.221374727	0.394405592	0.501519937	0.715748627
49	0.139803034	0.211284637	0.382046245	0.487944916	0.705037192
50	0.132829219	0.201723762	0.370132644	0.474750283	0.694447325

P(U ≤ U') (CONTINUED)

M = 12

N \ U'	22	23	24
12	0.999991125	0.999999260	1.000000000
13	0.999957118	0.999995193	0.999999808
14	0.999864046	0.999982501	0.999998654
15	0.999664977	0.999952887	0.999994765
16	0.999303032	0.999895305	0.999985044
17	0.998716431	0.999796593	0.999964930
18	0.997843484	0.999642284	0.999928457
19	0.996626756	0.999417434	0.999868453
20	0.995016086	0.999107359	0.999776840
21	0.992970450	0.998698232	0.999644972
22	0.990458803	0.998177524	0.999463978
23	0.987460141	0.997534297	0.999225065
24	0.983962998	0.996759362	0.998919787
25	0.979964575	0.995845336	0.998540253
26	0.975469670	0.994786619	0.998079281
27	0.970489519	0.993579309	0.997530504
28	0.965040648	0.992221086	0.996888435
29	0.959143777	0.990711062	0.996148489
30	0.952822825	0.989049626	0.995306983
31	0.946104017	0.987238286	0.994361103
32	0.939015118	0.985279511	0.993308869
33	0.931584776	0.983176584	0.992149073
34	0.923841977	0.980933462	0.990881221
35	0.915815596	0.978554650	0.989505467
36	0.907534040	0.976045088	0.988022544
37	0.899024970	0.973410048	0.986433698
38	0.890315079	0.970655045	0.984740623
39	0.881429942	0.967785760	0.982945403
40	0.872393899	0.964807974	0.981050447
41	0.863229988	0.961727505	0.979058446
42	0.853959901	0.958550165	0.976972314
43	0.844603975	0.955281720	0.974795151
44	0.835181195	0.951927848	0.972530199
45	0.825709216	0.948494123	0.970180808
46	0.816204403	0.944985983	0.967750404
47	0.806681869	0.941408717	0.965242459
48	0.797155529	0.937767451	0.962660471
49	0.787638156	0.934067137	0.960007936
50	0.778141437	0.930312548	0.957288336

P(U ≤ U') (CONTINUED)

M = 13

N \ U'	2	3	4	5	6
13	0.000000192	0.000002500	0.000030191	0.000182489	0.001020133
14	0.000000100	0.000001346	0.000016901	0.000106340	0.000619644
15	0.000000053	0.000000748	0.000009722	0.000063565	0.000384380
16	0.000000029	0.000000427	0.000005732	0.000038887	0.000243119
17	0.000000017	0.000000251	0.000003457	0.000024299	0.000156563
18	0.000000010	0.000000150	0.000002128	0.000015481	0.000102520
19	0.000000006	0.000000092	0.000001336	0.000010041	0.000068180
20	0.000000003	0.000000058	0.000000853	0.000006621	0.000046002
21	0.000000002	0.000000037	0.000000554	0.000004433	0.000031460
22	0.000000001	0.000000024	0.000000365	0.000003011	0.000021787
23	0.000000001	0.000000016	0.000000244	0.000002072	0.000015268
24	0.000000001	0.000000010	0.000000165	0.000001444	0.000010818
25	0.000000000	0.000000007	0.000000113	0.000001018	0.000007746
26	0.000000000	0.000000005	0.000000079	0.000000725	0.000005600
27	0.000000000	0.000000003	0.000000055	0.000000522	0.000004087
28	0.000000000	0.000000002	0.000000039	0.000000379	0.000003009
29	0.000000000	0.000000002	0.000000028	0.000000278	0.000002233
30	0.000000000	0.000000001	0.000000020	0.000000206	0.000001671
31	0.000000000	0.000000001	0.000000015	0.000000153	0.000001259
32	0.000000000	0.000000001	0.000000011	0.000000115	0.000000956
33	0.000000000	0.000000000	0.000000008	0.000000087	0.000000731
34	0.000000000	0.000000000	0.000000006	0.000000066	0.000000562
35	0.000000000	0.000000000	0.000000004	0.000000051	0.000000435
36	0.000000000	0.000000000	0.000000003	0.000000039	0.000000338
37	0.000000000	0.000000000	0.000000003	0.000000031	0.000000265
38	0.000000000	0.000000000	0.000000002	0.000000024	0.000000208
39	0.000000000	0.000000000	0.000000002	0.000000019	0.000000165
40	0.000000000	0.000000000	0.000000001	0.000000015	0.000000131
41	0.000000000	0.000000000	0.000000001	0.000000012	0.000000105
42	0.000000000	0.000000000	0.000000001	0.000000009	0.000000084
43	0.000000000	0.000000000	0.000000001	0.000000007	0.000000068
44	0.000000000	0.000000000	0.000000000	0.000000006	0.000000055
45	0.000000000	0.000000000	0.000000000	0.000000005	0.000000044
46	0.000000000	0.000000000	0.000000000	0.000000004	0.000000036
47	0.000000000	0.000000000	0.000000000	0.000000003	0.000000030
48	0.000000000	0.000000000	0.000000000	0.000000003	0.000000024
49	0.000000000	0.000000000	0.000000000	0.000000002	0.000000020
50	0.000000000	0.000000000	0.000000000	0.000000002	0.000000017

P(U ≤ U') (CONTINUED)

M = 13

N \ U'	7	8	9	10	11
13	0.003812280	0.013119435	0.034060535	0.081178009	0.156565967
14	0.002416207	0.008689919	0.023589985	0.058879616	0.118871988
15	0.001560701	0.005838232	0.016532059	0.042999282	0.090640284
16	0.001026009	0.003976031	0.011719837	0.031632481	0.069466505
17	0.000685622	0.002743073	0.008401063	0.023446172	0.053536390
18	0.000465181	0.001915826	0.006086430	0.017510260	0.041500302
19	0.000320116	0.001353701	0.004454455	0.013175325	0.032361239
20	0.000223218	0.000967086	0.003291672	0.009986481	0.025384543
21	0.000157582	0.000698109	0.002454821	0.007623608	0.020028695
22	0.000112539	0.000508925	0.001846728	0.005860139	0.015893666
23	0.000081245	0.000374478	0.001400794	0.004534723	0.012682937
24	0.000059252	0.000277989	0.001070907	0.003531687	0.010175794
25	0.000043628	0.000208092	0.000824829	0.002767550	0.008207170
26	0.000032415	0.000157008	0.000639808	0.002181650	0.006652993
27	0.000024289	0.000119360	0.000499640	0.001729610	0.005419519
28	0.000018348	0.000091389	0.000392686	0.001378749	0.004435543
29	0.000013965	0.000070451	0.000310514	0.001104843	0.003646693
30	0.000010706	0.000054662	0.000246968	0.000889820	0.003011230
31	0.000008264	0.000042674	0.000197518	0.000720116	0.002496949
32	0.000006421	0.000033512	0.000158807	0.000585488	0.002078871
33	0.000005020	0.000026465	0.000128330	0.000478155	0.001737526
34	0.000003947	0.000021012	0.000104204	0.000392174	0.001457666
35	0.000031122	0.000016769	0.000085006	0.000322982	0.001227289
36	0.000002482	0.000013449	0.000069653	0.000267052	0.001036909
37	0.000001983	0.000010837	0.000057315	0.000221650	0.000878989
38	0.000001593	0.000008771	0.000047355	0.000184643	0.000747521
39	0.000001285	0.000007131	0.000039280	0.000154359	0.000637691
40	0.000001042	0.000005821	0.000032704	0.000129482	0.000545628
41	0.000000848	0.000004771	0.000027327	0.000108971	0.000468206
42	0.000000693	0.000003925	0.000022914	0.000092001	0.000402890
43	0.000000569	0.000003241	0.000019278	0.000077910	0.000347621
44	0.000000469	0.000002686	0.000016271	0.000066173	0.000300715
45	0.000000387	0.000002234	0.000013776	0.000056365	0.000260793
46	0.000000321	0.000001864	0.000011698	0.000048143	0.000226722
47	0.000000268	0.000001560	0.000009963	0.000041230	0.000197566
48	0.000000224	0.000001310	0.000008509	0.000035401	0.000172552
49	0.000000187	0.000001103	0.000007286	0.000030472	0.000151038
50	0.000000157	0.000000932	0.000006256	0.000026293	0.000132490

P(U ≤ U') (CONTINUED)

M = 13

N \ U'	12	13	14	15	16
13	0.277186701	0.417910890	0.582089110	0.722813299	0.843434033
14	0.220506125	0.347548795	0.505646341	0.652451205	0.787963387
15	0.175335397	0.288262216	0.436478665	0.584695114	0.729886737
16	0.139559013	0.238856733	0.375147720	0.521173778	0.671372010
17	0.111309608	0.197969436	0.321539932	0.462763355	0.614074166
18	0.089023434	0.164268392	0.275155699	0.409804571	0.559162985
19	0.071430736	0.136546565	0.235305573	0.362281440	0.507396716
20	0.057519627	0.113756025	0.201234866	0.319956151	0.459208184
21	0.046492883	0.095010559	0.172197772	0.282465219	0.414786155
22	0.037726621	0.079573117	0.147497864	0.249384985	0.374144725
23	0.030734367	0.066837227	0.126507230	0.220274379	0.337178876
24	0.025137340	0.056307226	0.108672635	0.194701520	0.303707065
25	0.020640587	0.047579658	0.093514227	0.172259202	0.273502742
26	0.017014174	0.040326831	0.080620313	0.152572958	0.246316977
27	0.014078506	0.034282809	0.069640339	0.135304323	0.221894193
28	0.011692965	0.029231733	0.060277369	0.120151096	0.199982732
29	0.009747134	0.024998237	0.052280766	0.106845824	0.180341615
30	0.008154044	0.021439647	0.045439444	0.095153311	0.162744579
31	0.006844964	0.018439672	0.039575857	0.084867684	0.146982188
32	0.005765393	0.015903330	0.034540748	0.075809318	0.132862641
33	0.004871960	0.013752858	0.030208639	0.067821853	0.120211687
34	0.004130033	0.011924438	0.026473394	0.060769376	0.108871989
35	0.003511856	0.010365557	0.023247976	0.054533852	0.098702146
36	0.002995109	0.009032893	0.020455728	0.049012815	0.089575534
37	0.002561778	0.007890610	0.018034087	0.044117314	0.081379068
38	0.002197277	0.006908983	0.015929684	0.039770110	0.074011956
39	0.001889753	0.006063292	0.014097354	0.035904095	0.067384502
40	0.001629544	0.005332923	0.012498810	0.032460925	0.061416960
41	0.001408746	0.004700638	0.011101540	0.029389831	0.056038482
42	0.001220876	0.004151990	0.009877887	0.026646587	0.051186148
43	0.001060595	0.003674832	0.008804281	0.024192631	0.046804083
44	0.000923497	0.003258930	0.007860599	0.021994295	0.042842671
45	0.000805934	0.002895641	0.007029626	0.020022152	0.039257839
46	0.000704875	0.002577642	0.006296612	0.018250444	0.036010422
47	0.000617796	0.002298719	0.005648891	0.016656599	0.033065605
48	0.000542591	0.002053585	0.005075571	0.015220811	0.030392417
49	0.000477494	0.001837728	0.004567265	0.013925674	0.027963289
50	0.000421024	0.001647296	0.004115868	0.012755873	0.025753664

P(U ≤ U') (CONTINUED)

M = 13

N \ U'	17	18	19	20	21
13	0.918821991	0.965939465	0.986880565	0.996187720	0.998979867
14	0.881128012	0.944649347	0.976410015	0.992094295	0.997583793
15	0.838780455	0.918182124	0.962294163	0.985820583	0.995231151
16	0.793408073	0.887281967	0.944649347	0.977099582	0.991702188
17	0.746471125	0.852861539	0.923788482	0.965819262	0.986834653
18	0.699186497	0.815872757	0.900146168	0.952006728	0.980530036
19	0.652511993	0.777220434	0.874215887	0.935800303	0.972750952
20	0.607163469	0.737712250	0.846502901	0.917418288	0.963513289
21	0.563647209	0.698035660	0.817492060	0.897129661	0.952875981
22	0.522296916	0.658752882	0.787627960	0.875229321	0.940930341
23	0.483309497	0.620309855	0.757304412	0.852018704	0.927790137
24	0.446776842	0.583033773	0.726860533	0.827791593	0.913582993
25	0.412712609	0.547176686	0.696581215	0.802824436	0.898443334
26	0.381074003	0.512901529	0.666700309	0.777370331	0.882506851
27	0.351778997	0.480310835	0.637405303	0.751655826	0.865906348
28	0.324719663	0.449456594	0.608842673	0.725879793	0.848768770
29	0.299772277	0.420351310	0.581123355	0.700213758	0.831213202
30	0.276804842	0.392977333	0.554328014	0.674803189	0.813349641
31	0.255682571	0.367294571	0.528511905	0.649769387	0.795278365
32	0.236271788	0.343246768	0.503709238	0.625211685	0.777089743
33	0.218442625	0.320766519	0.479937020	0.601209784	0.758864376
34	0.202070802	0.299779235	0.457198377	0.577826073	0.740673461
35	0.187038735	0.280206232	0.435485392	0.555107857	0.722579307
36	0.173236143	0.261967092	0.414781504	0.533089436	0.704635937
37	0.160560293	0.244981453	0.395063516	0.511794008	0.686889747
38	0.149915996	0.229170323	0.376303258	0.491235382	0.669380174
39	0.138215418	0.214457030	0.358468963	0.471419498	0.652140355
40	0.128377791	0.200767879	0.341526382	0.452345776	0.635197775
41	0.119329030	0.188032586	0.325439696	0.434008277	0.618574866
42	0.111001327	0.176184534	0.310172239	0.416396726	0.602289578
43	0.103332714	0.165160904	0.295687082	0.399497376	0.586355905
44	0.096266635	0.154902693	0.281947484	0.383293757	0.570784361
45	0.089751518	0.145354676	0.268917249	0.367767308	0.555582420
46	0.083740365	0.136465302	0.256560992	0.352897914	0.540754912
47	0.078190372	0.128186562	0.244844339	0.338664351	0.526304373
48	0.073062558	0.120473825	0.233734075	0.325044664	0.512231372
49	0.068321431	0.113285665	0.223198238	0.312016478	0.498534783
50	0.063934676	0.106583679	0.213206186	0.299557253	0.485212047

P(U ≤ U') (CONTINUED)

M = 13

N \ U'	22	23	24	25	26
13	0.999817511	0.999969809	0.999997500	0.999999808	1.000000000
14	0.999465907	0.999893660	0.999986988	0.999998654	0.999999950
15	0.998760114	0.999722559	0.999955879	0.999994765	0.999999626
16	0.997543230	0.999401744	0.999884475	0.999985044	0.999998453
17	0.995661117	0.998870740	0.999746092	0.999964930	0.999995324
18	0.992976570	0.998068334	0.999508429	0.999928457	0.999988461
19	0.989378744	0.996936831	0.999135547	0.999868453	0.999975335
20	0.984787906	0.995425214	0.998590033	0.999776840	0.999952663
21	0.979156390	0.993491158	0.997835027	0.999644972	0.999916464
22	0.972464831	0.991102030	0.996835937	0.999463978	0.999862166
23	0.964728711	0.988235076	0.995561735	0.999225065	0.999784740
24	0.955974039	0.984877024	0.993985843	0.998919787	0.999678856
25	0.946252784	0.981023292	0.992086636	0.998540253	0.999539027
26	0.935628462	0.976676979	0.989847626	0.998079281	0.999359760
27	0.924174115	0.971847742	0.987257399	0.997530504	0.999135676
28	0.911968815	0.966550672	0.984309362	0.996888435	0.998861622
29	0.899094732	0.960821213	0.981001371	0.996148489	0.998532758
30	0.885634746	0.954634165	0.977335273	0.995306983	0.998144621
31	0.871670578	0.948062792	0.973316416	0.994361103	0.997693179
32	0.857281357	0.941118045	0.968953151	0.993308869	0.997174856
33	0.842542582	0.933827898	0.964256337	0.992149073	0.996586553
34	0.827525402	0.926220789	0.959238882	0.990881221	0.995925652
35	0.812296155	0.918325158	0.953915312	0.989505467	0.995190006
36	0.796916124	0.910169081	0.948301389	0.988022544	0.994377929
37	0.781441447	0.901779973	0.942413761	0.986433698	0.993488175
38	0.765923158	0.893184364	0.936269662	0.984740623	0.992519913
39	0.750407321	0.884407729	0.929886655	0.982945403	0.991472701
40	0.734935229	0.875474368	0.923282404	0.981050447	0.990346454
41	0.719543646	0.866407327	0.916474491	0.979058446	0.989141416
42	0.704265086	0.857228347	0.909480260	0.976972314	0.987858129
43	0.689128096	0.847957846	0.902316691	0.974795151	0.986497402
44	0.674157199	0.838614490	0.895000301	0.972530159	0.985060284
45	0.659374982	0.829217356	0.887547061	0.970180808	0.983548032
46	0.644798787	0.819781669	0.879972341	0.967750404	0.981962090
47	0.630444586	0.810323135	0.872290865	0.965242459	0.980304060
48	0.616325443	0.800855843	0.864516680	0.962660471	0.978575680
49	0.602452125	0.791392745	0.856663142	0.960007936	0.976778801
50	0.588833328	0.781945714	0.848742903	0.957288336	0.974915372

P(U ≤ U') (CONTINUED)

M = 14

N \ U'	2	3	4	5	6
14	0.000000050	0.000000698	0.000009123	0.000059676	0.000362992
15	0.000000026	0.000000374	0.000005067	0.000034400	0.000217435
16	0.000000014	0.000000206	0.000002888	0.000020320	0.000132957
17	0.000000008	0.000000117	0.000001686	0.000012275	0.000082867
18	0.000000004	0.000000068	0.000001005	0.000007568	0.000052571
19	0.000000002	0.000000040	0.000000612	0.000004756	0.000033905
20	0.000000001	0.000000024	0.000000379	0.000003041	0.000022205
21	0.000000001	0.000000015	0.000000239	0.000001976	0.000014752
22	0.000000001	0.000000009	0.000000153	0.000001304	0.000009933
23	0.000000000	0.000000006	0.000000100	0.000000872	0.000006773
24	0.000000000	0.000000004	0.000000066	0.000000591	0.000004673
25	0.000000000	0.000000003	0.000000044	0.000000406	0.000003260
26	0.000000000	0.000000002	0.000000030	0.000000282	0.000002298
27	0.000000000	0.000000000	0.000000020	0.000000198	0.000001636
28	0.000000000	0.000000001	0.000000014	0.000000140	0.000001176
29	0.000000000	0.000000001	0.000000010	0.000000100	0.000000853
30	0.000000000	0.000000000	0.000000007	0.000000073	0.000000623
31	0.000000000	0.000000000	0.000000005	0.000000053	0.000000460
32	0.000000000	0.000000000	0.000000004	0.000000039	0.000000341
33	0.000000000	0.000000000	0.000000003	0.000000029	0.000000255
34	0.000000000	0.000000000	0.000000002	0.000000021	0.000000192
35	0.000000000	0.000000000	0.000000001	0.000000016	0.000000146
36	0.000000000	0.000000000	0.000000001	0.000000012	0.000000111
37	0.000000000	0.000000000	0.000000001	0.000000009	0.000000085
38	0.000000000	0.000000000	0.000000001	0.000000007	0.000000066
39	0.000000000	0.000000000	0.000000000	0.000000005	0.000000051
40	0.000000000	0.000000000	0.000000000	0.000000004	0.000000040
41	0.000000000	0.000000000	0.000000000	0.000000003	0.000000031
42	0.000000000	0.000000000	0.000000000	0.000000003	0.000000025
43	0.000000000	0.000000000	0.000000000	0.000000002	0.000000019
44	0.000000000	0.000000000	0.000000000	0.000000002	0.000000015
45	0.000000000	0.000000000	0.000000000	0.000000001	0.000000012
46	0.000000000	0.000000000	0.000000000	0.000000001	0.000000010
47	0.000000000	0.000000000	0.000000000	0.000000001	0.000000008
48	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
49	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000004

P(U ≤ U') (CONTINUED)

M = 14

N \ U'	7	8	9	10	11
14	0.001475150	0.005553063	0.015747845	0.041234801	0.087111321
15	0.000919071	0.003603590	0.010650454	0.029106525	0.064173061
16	0.000583506	0.002373186	0.007294805	0.020717402	0.047562596
17	0.000377004	0.001584927	0.005057705	0.014872077	0.035482259
18	0.000247584	0.001072639	0.003547802	0.010767027	0.026649324
19	0.000165079	0.000735116	0.002516484	0.007860586	0.020152021
20	0.000111638	0.000509824	0.001803937	0.005785817	0.015342329
21	0.000076503	0.000357577	0.001306202	0.004292612	0.011758637
22	0.000053081	0.000253476	0.000954859	0.003209306	0.009070868
23	0.000037260	0.000181499	0.000704365	0.002417203	0.007041866
24	0.000026442	0.000131205	0.000524067	0.001833605	0.005500312
25	0.000018959	0.000095708	0.000393113	0.001400450	0.004321727
26	0.000013726	0.000070416	0.000297176	0.001076663	0.003415124
27	0.000010029	0.000052231	0.000226313	0.000832965	0.002713586
28	0.000007391	0.000039043	0.000173561	0.000648332	0.002167599
29	0.000005492	0.000029400	0.000133997	0.000507557	0.001740305
30	0.000004113	0.000022295	0.000104112	0.000399564	0.001404101
31	0.000003103	0.000017020	0.000081385	0.000316231	0.001138194
32	0.000002357	0.000013076	0.000063989	0.000251564	0.000926832
33	0.000001803	0.000010107	0.000050591	0.000201107	0.000758015
34	0.000001388	0.000007858	0.000040210	0.000161531	0.000622551
35	0.000001075	0.000006144	0.000032122	0.000130334	0.000513362
36	0.000000837	0.000004829	0.000025786	0.000105623	0.000424971
37	0.000000655	0.000003815	0.000020796	0.000085957	0.000353118
38	0.000000516	0.000003029	0.000016847	0.000070237	0.000294473
39	0.000000408	0.000002416	0.000013706	0.000057615	0.000246422
40	0.000000325	0.000001936	0.000011197	0.000047439	0.000206904
41	0.000000260	0.000001558	0.000009184	0.000039203	0.000174287
42	0.000000208	0.000001256	0.000007561	0.000032509	0.000147270
43	0.000000168	0.000001021	0.000006248	0.000027050	0.000124817
44	0.000000136	0.000000832	0.000005182	0.000022580	0.000106095
45	0.000000110	0.000000680	0.000004312	0.000018909	0.000090436
46	0.000000090	0.000000558	0.000003600	0.000015883	0.000077299
47	0.000000074	0.000000459	0.000003015	0.000013380	0.000066244
48	0.000000061	0.000000380	0.000002533	0.000011304	0.000056915
49	0.000000050	0.000000315	0.000002134	0.000009576	0.000049021
50	0.000000041	0.000000262	0.000001803	0.000008134	0.000042323

P(U ≤ U') (CONTINUED)

M = 14

N \ U'	12	13	14	15	16
14	0.169689056	0.279792704	0.426597568	0.573402432	0.720207296
15	0.130614917	0.224740880	0.357624593	0.500000000	0.651867101
16	0.100716082	0.180446309	0.298565165	0.433558144	0.585425244
17	0.077880347	0.145010653	0.248650423	0.374498716	0.522555530
18	0.060435300	0.116745261	0.206841497	0.322678830	0.464258160
19	0.047086296	0.094221276	0.172031404	0.277630862	0.411019651
20	0.036844481	0.076265093	0.143160678	0.238725798	0.362960455
21	0.028960359	0.061930325	0.119269398	0.205278006	0.319956151
22	0.022868082	0.050462511	0.099519273	0.176608470	0.281730103
23	0.018141056	0.041264368	0.083194641	0.152080089	0.247920713
24	0.014457552	0.033864908	0.069693872	0.131114953	0.218128150
25	0.011574554	0.027893414	0.058516460	0.113200471	0.191945446
26	0.009308055	0.023058196	0.049248559	0.097888948	0.168978162
27	0.007518267	0.019129582	0.041551430	0.084793566	0.148855990
28	0.006098702	0.015926460	0.035145188	0.073582642	0.131238823
29	0.004967864	0.013305725	0.029802138	0.063973278	0.115819147
30	0.004063170	0.011154019	0.025335718	0.055725072	0.102322082
31	0.003336358	0.009381307	0.021593325	0.048634223	0.090504000
32	0.002750058	0.007915864	0.018450058	0.042528213	0.080150332
33	0.002275215	0.006700381	0.015803579	0.037261117	0.071072995
34	0.001889142	0.005688914	0.013569924	0.032709518	0.063107697
35	0.001574054	0.004844520	0.011680090	0.028769013	0.056111291
36	0.001315952	0.004137392	0.010077267	0.025351228	0.049959278
37	0.001103774	0.003543405	0.008714590	0.022381291	0.044543511
38	0.000928741	0.003042968	0.007553319	0.019795699	0.039770110
39	0.000783864	0.002620122	0.006561361	0.017540524	0.035557612
40	0.000663554	0.002261828	0.005712070	0.015569905	0.031835332
41	0.000563328	0.001957395	0.004983276	0.013844784	0.028541919
42	0.000479576	0.001698034	0.004356486	0.012331843	0.025624105
43	0.000409381	0.001476496	0.003816245	0.011002617	0.023035612
44	0.000350376	0.001286787	0.003349604	0.009832743	0.020736204
45	0.000300639	0.001123933	0.002945689	0.008801334	0.018690868
46	0.000258598	0.000983798	0.002595351	0.007890456	0.016869112
47	0.000222969	0.000862931	0.002290873	0.007084679	0.015244349
48	0.000192695	0.000758467	0.002025732	0.006370708	0.013793375
49	0.000166908	0.000667927	0.001794402	0.005737066	0.012495917
50	0.000144888	0.000589336	0.001592194	0.005173828	0.011334240

P(U ≤ U') (CONTINUED)

M = 14

N \ U'	17	18	19	20	21
14	0.830310944	0.912888679	0.958765199	0.984252155	0.994446937
15	0.775259120	0.874921904	0.935826939	0.972739082	0.989349546
16	0.718308957	0.832209262	0.908142833	0.957359023	0.981967118
17	0.661358764	0.786281732	0.876503853	0.938194193	0.972123880
18	0.605837489	0.738568110	0.841803037	0.915542271	0.959785812
19	0.552745240	0.690302429	0.804933420	0.889845266	0.945037965
20	0.502724444	0.642488433	0.766723090	0.861624564	0.928055596
21	0.456136448	0.595900437	0.727899760	0.831428641	0.909075301
22	0.413132144	0.551104287	0.689076430	0.799794816	0.888369525
23	0.373711531	0.508487408	0.650750834	0.767223814	0.866225848
24	0.337771297	0.468291094	0.613313091	0.734164754	0.842931252
25	0.305141348	0.430641153	0.577057592	0.701008016	0.818760919
26	0.275611982	0.395575031	0.542196535	0.668083684	0.793970834
27	0.248953527	0.363064720	0.508873466	0.635663680	0.768793404
28	0.224930118	0.333035459	0.477175912	0.603966126	0.743435361
29	0.203309050	0.305380604	0.447146651	0.573160915	0.718077319
30	0.183866850	0.279973183	0.418793442	0.543375725	0.692874466
31	0.166392971	0.256674678	0.392097238	0.514702025	0.667958009
32	0.150691804	0.235341571	0.367018986	0.487200754	0.643437052
33	0.136683510	0.215831162	0.343505162	0.460907518	0.619400698
34	0.123904055	0.197999617	0.321492220	0.435837223	0.595920227
35	0.112504738	0.181714878	0.300910120	0.411988122	0.573051226
36	0.102251384	0.166847515	0.281685081	0.389345299	0.550835626
37	0.093023365	0.153276899	0.263741711	0.367883621	0.529303582
38	0.084712533	0.140890563	0.247004618	0.347570227	0.508475200
39	0.077222129	0.129584293	0.231399610	0.328366579	0.488362078
40	0.070465721	0.119262002	0.216854565	0.310230165	0.468968685
41	0.064366186	0.109825148	0.203330042	0.293115869	0.450293395
42	0.058854760	0.101223845	0.190669692	0.276977087	0.432330399
43	0.053870162	0.093353427	0.178900501	0.261766613	0.415068920
44	0.049357789	0.086156970	0.167932928	0.247437331	0.398495698
45	0.045268991	0.079573312	0.157710933	0.233942758	0.382594817
46	0.041560416	0.073546877	0.148181955	0.221237454	0.367348452
47	0.038193420	0.068027212	0.139256827	0.209277327	0.352737352
48	0.035133544	0.062968546	0.131009662	0.198019853	0.338741252
49	0.032350043	0.058329379	0.123277717	0.187424224	0.325339214
50	0.029815474	0.054072094	0.116061235	0.177451447	0.312509913

P(U ≤ U') (CONTINUED)

M = 14

N \ U'	22	23	24	25	26
14	0.998524850	0.999637008	0.999940324	0.999990877	0.999999302
15	0.996731975	0.999080929	0.999813071	0.999965600	0.999996106
16	0.993779003	0.998074234	0.999538518	0.999904588	0.999985938
17	0.989397175	0.996463523	0.999033104	0.999782565	0.999961008
18	0.983382367	0.994108073	0.998203343	0.999568433	0.999909706
19	0.975606229	0.990890361	0.996953488	0.999227161	0.999816631
20	0.966016185	0.986721962	0.995192506	0.998721900	0.999663072
21	0.954628009	0.981545518	0.992839577	0.998016021	0.999427779
22	0.941514350	0.975333785	0.989827828	0.997074850	0.999087911
23	0.926791797	0.968086763	0.986106384	0.995867013	0.998620010
24	0.910608183	0.959827770	0.981640996	0.994365378	0.998000915
25	0.893131173	0.950599097	0.976413566	0.992547609	0.997208554
26	0.874538610	0.940457699	0.970420921	0.990396403	0.996222585
27	0.855010750	0.929471184	0.963673106	0.987899468	0.995024868
28	0.834724315	0.917714273	0.956191436	0.985049308	0.993599788
29	0.813848159	0.905265780	0.948006485	0.981842877	0.991934433
30	0.792540293	0.892206120	0.939156137	0.978281152	0.990018656
31	0.770946030	0.878615325	0.929683765	0.974368651	0.987845045
32	0.749197007	0.864571504	0.919636605	0.970112947	0.985408809
33	0.727410865	0.850149692	0.909064329	0.965524189	0.982707625
34	0.705691430	0.835421033	0.898017834	0.960614636	0.979741436
35	0.684129229	0.820452232	0.886548234	0.955398236	0.976512236
36	0.662802253	0.805305232	0.874706034	0.949890235	0.973023836
37	0.641776845	0.790037056	0.862540481	0.944106835	0.969281636
38	0.621108682	0.774699792	0.850099065	0.938064883	0.965292398
39	0.600843763	0.759340681	0.837427140	0.931781610	0.961064032
40	0.581019405	0.744002270	0.824567664	0.925274406	0.956605392
41	0.561665189	0.728722626	0.811561025	0.918560623	0.951926089
42	0.542803866	0.713535587	0.798444945	0.911657423	0.947036322
43	0.524452188	0.698471023	0.785254442	0.904581643	0.941946726
44	0.506621687	0.683555123	0.772021841	0.897349691	0.936668233
45	0.489319372	0.668810670	0.758776824	0.889977465	0.931211952
46	0.472548371	0.654257321	0.745546507	0.882480285	0.925589068
47	0.456308493	0.639911878	0.732355540	0.874872853	0.919810745
48	0.440596742	0.625788541	0.719226221	0.867169215	0.913888055
49	0.425407765	0.611899156	0.706178617	0.859382741	0.907831909
50	0.410734252	0.598253444	0.693230697	0.851526120	0.901653003

P(U ≤ U') (CONTINUED)

M = 14

N \ U'	27	28
14	0.999999950	1.000000000
15	0.999999626	0.999999987
16	0.999998453	0.999999897
17	0.999995324	0.999999547
18	0.999988461	0.999998558
19	0.999975335	0.999996263
20	0.999952663	0.999991646
21	0.999916464	0.999983293
22	0.999862166	0.999969370
23	0.999784740	0.999947640
24	0.999678856	0.999915488
25	0.999539027	0.999869982
26	0.999359760	0.999807928
27	0.999135676	0.999725946
28	0.998861622	0.999620541
29	0.998532758	0.999488171
30	0.998144621	0.999325317
31	0.997693179	0.999128534
32	0.997174856	0.998894509
33	0.996586553	0.998620096
34	0.995925552	0.998302355
35	0.995190006	0.997938574
36	0.994377929	0.997526289
37	0.993488175	0.997063295
38	0.992519913	0.996547652
39	0.991472701	0.995977689
40	0.990346454	0.995351997
41	0.989141416	0.994669423
42	0.987858129	0.993929065
43	0.986497402	0.993130257
44	0.985060284	0.992272561
45	0.983548032	0.991355746
46	0.981962090	0.990379782
47	0.980304060	0.989344819
48	0.978575680	0.988251179
49	0.976778801	0.987099334
50	0.974915372	0.985889897

P(U ≤ U') (CONTINUED)

M = 15

N \ U'	2	3	4	5	6
15	0.000000013	0.000000193	0.000002721	0.000019147	0.000125917
16	0.000000007	0.000000103	0.000001501	0.000010934	0.000074519
17	0.000000004	0.000000057	0.000000848	0.000006392	0.000044997
18	0.000000002	0.000000032	0.000000491	0.000003818	0.000027683
19	0.000000001	0.000000018	0.000000290	0.000002327	0.000017330
20	0.000000001	0.000000011	0.000000175	0.000001444	0.000011026
21	0.000000000	0.000000006	0.000000107	0.000000912	0.000007122
22	0.000000000	0.000000004	0.000000067	0.000000585	0.000004666
23	0.000000000	0.000000002	0.000000042	0.000000381	0.000003098
24	0.000000000	0.000000002	0.000000027	0.000000251	0.000002083
25	0.000000000	0.000000001	0.000000018	0.000000168	0.000001417
26	0.000000000	0.000000001	0.000000012	0.000000114	0.000000975
27	0.000000000	0.000000000	0.000000008	0.000000078	0.000000677
28	0.000000000	0.000000000	0.000000005	0.000000054	0.000000475
29	0.000000000	0.000000000	0.000000004	0.000000038	0.000000337
30	0.000000000	0.000000000	0.000000002	0.000000027	0.000000241
31	0.000000000	0.000000000	0.000000002	0.000000019	0.000000174
32	0.000000000	0.000000000	0.000000001	0.000000014	0.000000126
33	0.000000000	0.000000000	0.000000001	0.000000010	0.000000092
34	0.000000000	0.000000000	0.000000001	0.000000007	0.000000068
35	0.000000000	0.000000000	0.000000000	0.000000005	0.000000051
36	0.000000000	0.000000000	0.000000000	0.000000004	0.000000038
37	0.000000000	0.000000000	0.000000000	0.000000003	0.000000029
38	0.000000000	0.000000000	0.000000000	0.000000002	0.000000022
39	0.000000000	0.000000000	0.000000000	0.000000002	0.000000016
40	0.000000000	0.000000000	0.000000000	0.000000001	0.000000013
41	0.000000000	0.000000000	0.000000000	0.000000001	0.000000010
42	0.000000000	0.000000000	0.000000000	0.000000001	0.000000008
43	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000005
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000004
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001

P(U ≤ U') (CONTINUED)

M = 15

N \ U'	7	8	9	10	11
15	0.000553000	0.002261331	0.006959240	0.019878490	0.045716989
16	0.000339459	0.001441608	0.004610285	0.013703012	0.032797739
17	0.000212288	0.000932923	0.003094831	0.009535512	0.023705012
18	0.000135077	0.000612381	0.002103957	0.006698009	0.017264330
19	0.000087346	0.000407421	0.001447663	0.004748432	0.012670278
20	0.000057339	0.000274533	0.001007561	0.003396689	0.009369509
21	0.000038175	0.000187230	0.000708920	0.002450992	0.006980381
22	0.000025754	0.000129152	0.000503970	0.001783521	0.005238308
23	0.000017591	0.000090056	0.000361798	0.001308366	0.003958757
24	0.000012156	0.000063439	0.000262159	0.000967295	0.003012189
25	0.000008493	0.000045124	0.000191645	0.000720497	0.002307053
26	0.000005996	0.000032392	0.000141278	0.000540528	0.001778201
27	0.000004274	0.000023457	0.000104983	0.000408309	0.001378952
28	0.000003075	0.000017128	0.000078607	0.000310472	0.001075626
29	0.000002232	0.000012605	0.000059285	0.000237575	0.000843761
30	0.000001634	0.000009347	0.000045022	0.000182899	0.000665471
31	0.000001205	0.000006981	0.000034416	0.000141628	0.000527593
32	0.000000896	0.000005249	0.000026474	0.000110284	0.000420381
33	0.000000670	0.000003973	0.000020488	0.000086338	0.000336571
34	0.000000505	0.000003026	0.000015946	0.000067941	0.000270720
35	0.000000383	0.000002319	0.000012480	0.000053729	0.000218725
36	0.000000293	0.000001787	0.000009819	0.000042693	0.000177476
37	0.000000225	0.000001385	0.000007764	0.000034079	0.000144602
38	0.000000174	0.000001079	0.000006169	0.000027323	0.000118287
39	0.000000135	0.000000844	0.000004925	0.000022000	0.000097133
40	0.000000105	0.000000664	0.000003949	0.000017787	0.000080057
41	0.000000082	0.000000525	0.000003180	0.000014437	0.000066219
42	0.000000065	0.000000417	0.000002572	0.000011763	0.000054962
43	0.000000051	0.000000332	0.000002088	0.000009620	0.000045771
44	0.000000041	0.000000266	0.000001702	0.000007895	0.000038240
45	0.000000033	0.000000214	0.000001392	0.000006501	0.000032047
46	0.000000026	0.000000173	0.000001143	0.000005372	0.000026938
47	0.000000021	0.000000140	0.000000942	0.000004452	0.000022709
48	0.000000017	0.000000114	0.000000778	0.000003702	0.000019198
49	0.000000014	0.000000093	0.000000645	0.000003087	0.000016274
50	0.000000011	0.000000076	0.000000537	0.000002582	0.000013832

P(U ≤ U') (CONTINUED)

M = 15

N \ U'	12	13	14	15	16
15	0.097393989	0.174909488	0.291182737	0.424066450	0.575933550
16	0.072805739	0.136151738	0.236171737	0.357624593	0.504592755
17	0.054620285	0.106145739	0.191162738	0.300470308	0.439273572
18	0.041153405	0.082959284	0.154626507	0.251889166	0.380597647
19	0.031154584	0.065042479	0.125116474	0.210936467	0.328632458
20	0.023704277	0.051179249	0.101350937	0.176608470	0.283095319
21	0.018129645	0.040428173	0.082237913	0.147938934	0.243504054
22	0.013939254	0.032066225	0.066870009	0.124047654	0.209281410
23	0.010774049	0.025540515	0.054505507	0.104159777	0.179823427
24	0.008371222	0.020429046	0.044544695	0.087608354	0.154541583
25	0.006537869	0.016409772	0.036506146	0.073827983	0.132886714
26	0.005131896	0.013236660	0.030005136	0.062344341	0.114360839
27	0.004048219	0.010721389	0.024735044	0.052762354	0.098521228
28	0.003208783	0.008719438	0.020451800	0.044754551	0.084979794
29	0.002555345	0.007119570	0.016961180	0.038050344	0.073399800
30	0.002044247	0.005835882	0.014108540	0.032426567	0.063491240
31	0.001642604	0.004801800	0.011770615	0.027699334	0.055005710
32	0.001325528	0.003965542	0.009849001	0.023717154	0.047731272
33	0.001074098	0.003286281	0.008269993	0.020355178	0.041487602
34	0.000873859	0.002733536	0.006955505	0.017510428	0.036121558
35	0.000713715	0.002281182	0.005869856	0.015097874	0.031503241
36	0.000585115	0.001909940	0.004967228	0.013047204	0.027522527
37	0.000481435	0.001604211	0.004214665	0.011300182	0.024086078
38	0.000397525	0.001351586	0.003585486	0.009808494	0.021114764
39	0.000329361	0.001142158	0.003058038	0.008531980	0.018541473
40	0.000273787	0.000967987	0.002614694	0.007437191	0.016309242
41	0.000228320	0.000822690	0.002241071	0.006496216	0.014369681
42	0.000190994	0.000701114	0.001925401	0.005685712	0.012681640
43	0.000160251	0.000599090	0.001658028	0.004986120	0.011210083
44	0.000134848	0.000513230	0.001431009	0.004381012	0.009925145
45	0.000113792	0.000440774	0.001237792	0.003856567	0.008801334
46	0.000096287	0.000379465	0.001072961	0.003401128	0.007816860
47	0.000081692	0.000327453	0.000932025	0.003004844	0.006953072
48	0.000069487	0.000283216	0.000811251	0.002659374	0.006193978
49	0.000059254	0.000245499	0.000707530	0.002357640	0.005525852
50	0.000050650	0.000213264	0.000618264	0.002093622	0.004936889

P(U ≤ U') (CONTINUED)

M = 15

N \ U'	17	18	19	20	21
15	0.708817263	0.825090512	0.902606011	0.954283011	0.980121510
16	0.642375407	0.770972548	0.863848262	0.930528261	0.967202261
17	0.578076836	0.714711299	0.820982548	0.901951118	0.950532261
18	0.517350408	0.658125309	0.775437727	0.869287661	0.930290118
19	0.461040448	0.602643436	0.728512760	0.833403863	0.906827635
20	0.409548452	0.549312441	0.681311763	0.795193532	0.880604859
21	0.362960455	0.498842111	0.634723767	0.755507461	0.852134417
22	0.321150715	0.451664904	0.589429882	0.715110212	0.821938493
23	0.283860947	0.407996623	0.545925152	0.674658446	0.790518411
24	0.250758100	0.367891251	0.504546593	0.634694539	0.758335087
25	0.221474812	0.331287141	0.465502210	0.595650155	0.725798101
26	0.195636617	0.298044097	0.428898100	0.557855668	0.693261114
27	0.172879399	0.267972059	0.394762273	0.521552487	0.661021722
28	0.152859891	0.240852610	0.363064720	0.486906324	0.629324169
29	0.135261348	0.216454629	0.333733813	0.454020156	0.598363768
30	0.119795961	0.194545331	0.306669386	0.422946184	0.568292182
31	0.106205166	0.174897769	0.281752930	0.393696431	0.539222983
32	0.094258627	0.157295687	0.258855395	0.366251868	0.511237107
33	0.083752450	0.141536422	0.237843042	0.340570103	0.484387989
34	0.074507014	0.127432416	0.218581718	0.316591720	0.458706224
35	0.066364645	0.114811743	0.200939917	0.294245440	0.434203723
36	0.059187297	0.103517975	0.184790885	0.273452241	0.410877342
37	0.052854343	0.093409606	0.170013992	0.254128612	0.388712003
38	0.047260514	0.084359212	0.156495571	0.236189072	0.367683348
39	0.042314020	0.076252460	0.144129338	0.219548092	0.347759973
40	0.037934867	0.068987046	0.132816525	0.204121529	0.328905285
41	0.034053345	0.062471633	0.122465799	0.189827668	0.311079034
42	0.030608704	0.056624808	0.112993036	0.176587959	0.294238566
43	0.027547985	0.051374094	0.104321001	0.164327496	0.278339836
44	0.024825002	0.046655024	0.096378965	0.152975320	0.263338212
45	0.022399443	0.042410298	0.089102290	0.142464568	0.249189123
46	0.020236108	0.038588996	0.082432006	0.132732513	0.235848554
47	0.018304225	0.035145882	0.076314376	0.123720522	0.223273427
48	0.016576876	0.032040766	0.070700491	0.115373951	0.211421891
49	0.015030486	0.029237936	0.065545861	0.107642006	0.200253526
50	0.013644394	0.026705651	0.060810044	0.100477566	0.189729489

P(U ≤ U') (CONTINUED)

M = 15

N \ U'	22	23	24	25	26
15	0.993040760	0.997738669	0.999447000	0.999874083	0.999980853
16	0.987206260	0.995389715	0.998696161	0.999660541	0.999936078
17	0.978871260	0.991752624	0.997373583	0.999247235	0.999832752
18	0.967830092	0.986600079	0.995287015	0.998544616	0.999630483
19	0.954028631	0.979774629	0.992257537	0.997458749	0.999279173
20	0.937545743	0.971192629	0.988133719	0.995898385	0.998721900
21	0.918565448	0.960839741	0.982800413	0.993780749	0.997898375
22	0.897346691	0.948813372	0.976182535	0.991035665	0.996748407
23	0.874195052	0.935050791	0.968244830	0.987608020	0.995214987
24	0.849438649	0.919836856	0.958988800	0.983458765	0.993246751
25	0.823409060	0.903272572	0.948447892	0.978564772	0.990799754
26	0.796427169	0.885525125	0.936681846	0.972917857	0.987838567
27	0.768793404	0.866767660	0.923770864	0.966523267	0.984336768
28	0.740781613	0.847172809	0.909810050	0.959397866	0.980276946
29	0.712635794	0.826907819	0.894904397	0.951568211	0.975650332
30	0.684568980	0.806131087	0.879164448	0.943068639	0.970456149
31	0.656763659	0.784989851	0.862702695	0.933939469	0.964700803
32	0.629373228	0.763618819	0.845630671	0.924225363	0.958396968
33	0.602524109	0.742139525	0.828056703	0.913973882	0.951562647
34	0.576318226	0.720660230	0.810084232	0.903234234	0.944220235
35	0.550835626	0.699276229	0.791810632	0.892056234	0.936395635
36	0.526137105	0.678070429	0.773326431	0.880489434	0.928117435
37	0.502266740	0.657114108	0.754714874	0.868582434	0.919416166
38	0.479254250	0.636467793	0.736051738	0.856382338	0.910323641
39	0.457117166	0.616182174	0.717405361	0.843934345	0.900872387
40	0.435862790	0.596299048	0.698836822	0.831281446	0.891095149
41	0.415489932	0.576852229	0.680400227	0.818464225	0.881024473
42	0.395990443	0.557868429	0.662143080	0.805520725	0.870692382
43	0.377350552	0.539368088	0.644106697	0.792486394	0.860130079
44	0.359552016	0.521366140	0.626326653	0.779394067	0.849367743
45	0.342573109	0.503872721	0.608833234	0.766274003	0.838434356
46	0.326389467	0.486893814	0.591651896	0.753153939	0.827357580
47	0.310974796	0.470431830	0.574803707	0.740059179	0.816163673
48	0.296301465	0.454486127	0.558305771	0.727012694	0.804877428
49	0.282341009	0.439053477	0.542171637	0.714035239	0.793522154
50	0.269064532	0.424128480	0.526411676	0.701145469	0.782119665

P(U ≤ U') (CONTINUED)

M = 15

N \ U'	27	28	29	30
15	0.999957279	0.999999807	0.999999987	1.000000000
16	0.999989066	0.999998849	0.999999897	0.999999997
17	0.999967871	0.999995588	0.999999547	0.999999972
18	0.999922831	0.999987084	0.999998558	0.999999869
19	0.999839303	0.999968564	0.999996263	0.999999560
20	0.999699271	0.999933171	0.999991646	0.999998807
21	0.999482077	0.999871912	0.999983293	0.999997215
22	0.999165337	0.999773794	0.999969370	0.999994205
23	0.998725895	0.999626128	0.999947640	0.999988977
24	0.998140744	0.999414919	0.999915488	0.999980497
25	0.997387822	0.999125334	0.999869982	0.999967496
26	0.996446669	0.998742163	0.999807928	0.999948469
27	0.995298922	0.998250271	0.999725946	0.999921699
28	0.993928653	0.997634999	0.999620541	0.999885280
29	0.992322570	0.996882498	0.999488171	0.999837145
30	0.990470099	0.995980012	0.999325317	0.999775106
31	0.988363367	0.994916078	0.999128534	0.999696881
32	0.985997111	0.993680667	0.998894509	0.999600141
33	0.983368526	0.992265275	0.998620096	0.999482536
34	0.980477082	0.990662952	0.998302355	0.999341729
35	0.977324313	0.988868299	0.997938574	0.999175430
36	0.973913590	0.986877425	0.997526289	0.998981413
37	0.970249898	0.984687881	0.997063295	0.998757548
38	0.966339961	0.982298576	0.996547652	0.998501811
39	0.962190279	0.979709677	0.995977689	0.998212306
40	0.957810430	0.976922500	0.995351997	0.997887271
41	0.953209376	0.973939399	0.994669423	0.997525089
42	0.948397049	0.970763653	0.993929065	0.997124294
43	0.943383845	0.967399354	0.993130257	0.996683572
44	0.938180484	0.963851300	0.992272561	0.996201767
45	0.932797894	0.960124891	0.991355746	0.995677873
46	0.927247098	0.956226035	0.990379782	0.995111037
47	0.921539125	0.952161052	0.989344819	0.994500552
48	0.915684933	0.947936598	0.988251179	0.993845856
49	0.909695339	0.943559587	0.987099334	0.993146521
50	0.903580960	0.939037118	0.985889897	0.992402252

P(U ≤ U') (CONTINUED)

M = 16

N \ U'	2	3	4	5	6
16	0.000000003	0.000000053	0.000000802	0.000006042	0.000042726
17	0.000000002	0.000000028	0.000000440	0.000003422	0.000025020
18	0.000000001	0.000000015	0.000000247	0.000001982	0.000014941
19	0.000000000	0.000000039	0.000000142	0.000001172	0.000009086
20	0.000000000	0.000000005	0.000000083	0.000000707	0.000005621
21	0.000000000	0.000000003	0.000000049	0.000000434	0.000003533
22	0.000000000	0.000000002	0.000000030	0.000000271	0.000002254
23	0.000000000	0.000000001	0.000000019	0.000000172	0.000001458
24	0.000000000	0.000000001	0.000000012	0.000000110	0.000000956
25	0.000000000	0.000000000	0.000000007	0.000000072	0.000000634
26	0.000000000	0.000000000	0.000000005	0.000000048	0.000000426
27	0.000000000	0.000000000	0.000000003	0.000000032	0.000000289
28	0.000000000	0.000000000	0.000000002	0.000000021	0.000000198
29	0.000000000	0.000000000	0.000000001	0.000000015	0.000000137
30	0.000000000	0.000000000	0.000000001	0.000000010	0.000000096
31	0.000000000	0.000000000	0.000000001	0.000000007	0.000000068
32	0.000000000	0.000000000	0.000000000	0.000000005	0.000000048
33	0.000000000	0.000000000	0.000000000	0.000000004	0.000000035
34	0.000000000	0.000000000	0.000000000	0.000000003	0.000000025
35	0.000000000	0.000000000	0.000000000	0.000000002	0.000000018
36	0.000000000	0.000000000	0.000000000	0.000000001	0.000000013
37	0.000000000	0.000000000	0.000000000	0.000000001	0.000000010
38	0.000000000	0.000000000	0.000000000	0.000000001	0.000000007
39	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000004
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 16

N \ U'	7	8	9	10	11
16	0.000201690	0.000890533	0.002957062	0.009156649	0.022795740
17	0.000122208	0.000558957	0.001923798	0.006182100	0.015976194
18	0.000075414	0.000356181	0.001268674	0.004216729	0.011292062
19	0.000047337	0.000230237	0.000847523	0.002905146	0.008049201
20	0.000030190	0.000150853	0.000573174	0.002021130	0.005785817
21	0.000019543	0.000100113	0.000392179	0.001419446	0.004193065
22	0.000012829	0.000067249	0.000271324	0.001005995	0.003063072
23	0.000008533	0.000045694	0.000189694	0.000719243	0.002254934
24	0.000005746	0.000031387	0.000133952	0.000518572	0.001672431
25	0.000003914	0.000021783	0.000095490	0.000376919	0.001249343
26	0.000002696	0.000015266	0.000068688	0.000276090	0.000939777
27	0.000001876	0.000010798	0.000049833	0.000203740	0.000711635
28	0.000001319	0.000007706	0.000036450	0.000151424	0.000542337
29	0.000000935	0.000005546	0.000026868	0.000113312	0.000415865
30	0.000000669	0.000004023	0.000019953	0.000085349	0.000320777
31	0.000000483	0.000002941	0.000014922	0.000064692	0.000248841
32	0.000000351	0.000002165	0.000011236	0.000049331	0.000194094
33	0.000000258	0.000001606	0.000008515	0.000037836	0.000152189
34	0.000000190	0.000001199	0.000006493	0.000029181	0.000119936
35	0.000000141	0.000000900	0.000004980	0.000022627	0.000094978
36	0.000000106	0.000000681	0.000003842	0.000017635	0.000075567
37	0.000000080	0.000000517	0.000002979	0.000013812	0.000060394
38	0.000000060	0.000000396	0.000002323	0.000010870	0.000048478
39	0.000000046	0.000000304	0.000001820	0.000008594	0.000039076
40	0.000000035	0.000000235	0.000001433	0.000006824	0.000031625
41	0.000000027	0.000000182	0.000001134	0.000005442	0.000025694
42	0.000000021	0.000000142	0.000000901	0.000004358	0.000020954
43	0.000000016	0.000000112	0.000000719	0.000003504	0.000017151
44	0.000000013	0.000000088	0.000000576	0.000002828	0.000014087
45	0.000000010	0.000000069	0.000000463	0.000002291	0.000011610
46	0.000000008	0.000000055	0.000000374	0.000001862	0.000009600
47	0.000000006	0.000000044	0.000000303	0.000001519	0.000007963
48	0.000000005	0.000000035	0.000000247	0.000001243	0.000006626
49	0.000000004	0.000000028	0.000000201	0.000001021	0.000005529
50	0.000000003	0.000000023	0.000000165	0.000000841	0.000004628

P(U ≤ U') (CONTINUED)

N = 16

N \ U'	12	13	14	15	16
16	0.052801739	0.102811739	0.186161738	0.293326022	0.431108674
17	0.038460029	0.077806739	0.146507344	0.239743880	0.365928666
18	0.028154938	0.059070210	0.115279796	0.195579205	0.309145512
19	0.020724154	0.045017814	0.090788477	0.159444471	0.260326749
20	0.015342329	0.034455353	0.071619567	0.130020474	0.218759514
21	0.011425020	0.026491593	0.056624739	0.106129193	0.183614426
22	0.008558406	0.020464964	0.044888672	0.086757885	0.154047693
23	0.006448960	0.015855518	0.035690641	0.071056930	0.129259738
24	0.004887851	0.012390497	0.028467596	0.058325066	0.108524988
25	0.003725924	0.009710980	0.022781793	0.047989788	0.091203494
26	0.002856175	0.007647168	0.018293820	0.039587123	0.076741764
27	0.002201459	0.006050170	0.014740809	0.032742847	0.064667643
28	0.001705877	0.004808650	0.011919173	0.027156007	0.054582309
29	0.001328710	0.003839034	0.009671099	0.022584957	0.046151261
30	0.001040138	0.003078329	0.007874073	0.018835772	0.039095342
31	0.000818208	0.002478861	0.006432799	0.015752794	0.033182396
32	0.000646668	0.002004389	0.005272977	0.013210977	0.028219801
33	0.000513427	0.001627244	0.004336529	0.011109742	0.024047961
34	0.000409442	0.001326213	0.003577929	0.009368059	0.020534737
35	0.000327914	0.001084957	0.002961388	0.007920527	0.017570742
36	0.000263708	0.000890844	0.002458684	0.006714250	0.015065398
37	0.000212922	0.000734060	0.002047495	0.005706352	0.012943652
38	0.000172583	0.000606953	0.001710113	0.004862001	0.011143262
39	0.000140412	0.000503532	0.001432443	0.004152826	0.009612550
40	0.000114652	0.000419085	0.001203231	0.003555669	0.008308553
41	0.000093947	0.000349896	0.001013466	0.003051575	0.007195504
42	0.000077244	0.000293018	0.000855909	0.002624994	0.006243577
43	0.000063719	0.000246111	0.000724727	0.002263136	0.005427863
44	0.000052731	0.000207304	0.000615206	0.001955454	0.004727520
45	0.000043772	0.000175101	0.000523525	0.001693231	0.004125084
46	0.000036445	0.000148299	0.000446577	0.001469245	0.003605890
47	0.000030433	0.000125929	0.000381832	0.001277495	0.003157603
48	0.000025484	0.000107204	0.000327219	0.001112985	0.002769831
49	0.000021399	0.000091489	0.000281040	0.000971547	0.002433799
50	0.000018016	0.000078264	0.000241901	0.000849693	0.002142087

P(U ≤ U') (CONTINUED)

N = 16

N \ U'	17	18	19	20	21
16	0.568831326	0.706673978	0.813838262	0.897188261	0.947198261
17	0.500000000	0.641957884	0.760256120	0.858399842	0.922193261
18	0.436907607	0.578865491	0.705050276	0.815461963	0.892750144
19	0.380124454	0.518837586	0.649844433	0.769719979	0.859626638
20	0.329683315	0.462791876	0.595900437	0.722435736	0.823663974
21	0.285313795	0.411227298	0.544135997	0.674712963	0.785703385
22	0.246571178	0.364328341	0.495169634	0.627464719	0.746530295
23	0.212926274	0.322056539	0.449375182	0.581409329	0.706841769
24	0.183824870	0.284224714	0.406935634	0.537083580	0.667231525
25	0.158724910	0.250556035	0.367891251	0.494864963	0.628187142
26	0.137118057	0.220716000	0.332179924	0.454996655	0.590095060
27	0.118540736	0.194362126	0.299669613	0.417613998	0.553250041
28	0.102578338	0.171144093	0.270183517	0.382766793	0.517866725
29	0.088865187	0.150726735	0.243519056	0.350440250	0.484091742
30	0.077082035	0.132795851	0.219461788	0.320572047	0.452015384
31	0.066952250	0.117062356	0.197795304	0.293066369	0.421682306
32	0.058237449	0.103263923	0.178308040	0.267805161	0.393100987
33	0.050733037	0.091164971	0.160797746	0.244656571	0.366251868
34	0.044263928	0.080555632	0.145074216	0.223482218	0.341094221
35	0.038680589	0.071250067	0.130960776	0.204141577	0.317571820
36	0.033855481	0.063084499	0.118294868	0.186495911	0.295617580
37	0.029679907	0.055915118	0.106928027	0.170410759	0.275157267
38	0.026061257	0.049615987	0.096725445	0.155757668	0.256112447
39	0.022920627	0.044077056	0.087565273	0.142415275	0.238402780
40	0.020175763	0.039237772	0.079337772	0.130269918	0.221947779
41	0.017814322	0.034908030	0.071944396	0.119215884	0.206668136
42	0.015742358	0.031121336	0.065296843	0.109155411	0.192486690
43	0.013933066	0.027778747	0.059316130	0.099998499	0.179329119
44	0.012350703	0.024825002	0.053931698	0.091662602	0.167124408
45	0.010964670	0.022211988	0.049080582	0.084072240	0.155805137
46	0.009748743	0.019897806	0.044706625	0.077158565	0.145307640
47	0.008680421	0.017845949	0.040759767	0.070858907	0.135572058
48	0.007740367	0.016024594	0.037195396	0.065116308	0.126542316
49	0.006911944	0.014405983	0.033973752	0.059879072	0.118166042
50	0.006180818	0.012965887	0.031059403	0.055100325	0.110394446

P(U ≤ U') (CONTINUED)

M = 16

N \ U'	22	23	24	25	26
16	0.977204260	0.990843351	0.997042938	0.999109467	0.999798310
17	0.963413624	0.984023806	0.994243731	0.998076202	0.999495636
18	0.945747754	0.974655541	0.989985429	0.996372882	0.998927863
19	0.924359433	0.962610630	0.984009901	0.993817900	0.997978870
20	0.899585154	0.947898631	0.976133781	0.990251355	0.996525833
21	0.871884183	0.930643818	0.966255718	0.985545497	0.994448472
22	0.841782756	0.911057273	0.954353846	0.979610180	0.991637006
23	0.809828405	0.889408986	0.940476739	0.972394085	0.987998120
24	0.776555799	0.866002933	0.924730849	0.963882793	0.983458765
25	0.742463386	0.841156507	0.907266731	0.954054807	0.977967943
26	0.707999122	0.815184633	0.888265663	0.943076436	0.971496837
27	0.673553313	0.788388255	0.867927609	0.930896264	0.964037662
28	0.639456664	0.761046602	0.846461022	0.917639705	0.955601670
29	0.605981703	0.733412525	0.824074629	0.903403969	0.946216628
30	0.573347695	0.705710216	0.800971122	0.888293618	0.935924071
31	0.541723848	0.678134691	0.777342577	0.872416801	0.924776518
32	0.511237107	0.650852522	0.753367338	0.855882153	0.912834828
33	0.481977048	0.624003404	0.729208112	0.838796350	0.900165764
34	0.454001743	0.597702227	0.705011030	0.821262232	0.886839834
35	0.427343023	0.572041426	0.680905429	0.803377432	0.872929434
36	0.402011207	0.547093426	0.657004198	0.785233431	0.858507279
37	0.377999292	0.522913056	0.633404488	0.766914970	0.843645131
38	0.355286582	0.499539868	0.610188696	0.748499731	0.828412773
39	0.333841785	0.477000292	0.587425587	0.730058259	0.812877231
40	0.313625641	0.455309609	0.565171510	0.711654044	0.797102188
41	0.294593103	0.434473732	0.543471624	0.693343727	0.781147585
42	0.276695139	0.414490785	0.522361113	0.675177411	0.765069352
43	0.259880211	0.395352501	0.501866340	0.657199023	0.748919274
44	0.244095451	0.377045454	0.482005947	0.639446717	0.732744951
45	0.229287618	0.359552016	0.462791864	0.621953298	0.716589826
46	0.215403831	0.342851452	0.444230241	0.604746656	0.700493290
47	0.202392149	0.326920499	0.426322287	0.587850192	0.684490819
48	0.190201997	0.311734115	0.409065032	0.571283227	0.668614144
49	0.178784491	0.297266006	0.392452000	0.555061408	0.652891457
50	0.168092659	0.283489085	0.376473809	0.539197075	0.637347617

P(U ≤ U') (CONTINUED)

M = 16

N \ U'	27	28	29	30	31
16	0.999957274	0.999993958	0.999999198	0.999999947	0.999999997
17	0.999877792	0.999978580	0.999996578	0.999999663	0.999999972
18	0.999714011	0.999940784	0.999989379	0.999998635	0.999999869
19	0.999419205	0.999862386	0.999973181	0.999995792	0.999999560
20	0.998939094	0.999718762	0.999941525	0.999989260	0.999998807
21	0.998215115	0.999479443	0.999885834	0.999976143	0.999997215
22	0.997187849	0.999109295	0.999795525	0.999952378	0.999994205
23	0.995800138	0.998570085	0.999658279	0.999912662	0.999988897
24	0.993999673	0.997822200	0.999460426	0.999850479	0.999980497
25	0.991740907	0.996826309	0.999187388	0.999758198	0.999967496
26	0.988986314	0.995544868	0.998824145	0.999627233	0.999948469
27	0.985707037	0.993943361	0.998355677	0.999448250	0.999921699
28	0.981883030	0.991991245	0.997767368	0.999211399	0.999885280
29	0.977502803	0.989662612	0.997045353	0.998906548	0.999837145
30	0.972562881	0.986936568	0.996176795	0.998523519	0.999775106
31	0.967067059	0.983797383	0.995150103	0.998052302	0.999696881
32	0.961025553	0.980234444	0.993955080	0.997483243	0.999600141
33	0.954454091	0.976242048	0.992583016	0.996807212	0.999482536
34	0.947373005	0.971819093	0.991026734	0.996015731	0.999341729
35	0.939806358	0.966968678	0.989280584	0.995101082	0.999175430
36	0.931781127	0.961697669	0.987340419	0.994056377	0.998981413
37	0.923326453	0.956016226	0.985203523	0.992875612	0.998757548
38	0.914472972	0.949937340	0.982868539	0.991553690	0.998501811
39	0.905252237	0.943476377	0.980335370	0.990086426	0.998212306
40	0.895696202	0.936650638	0.977605074	0.988470537	0.997887271
41	0.885836800	0.929478955	0.974679757	0.986703616	0.997525089
42	0.875705586	0.921981318	0.971562461	0.984784098	0.997124294
43	0.865333439	0.914178543	0.968257051	0.982711215	0.996683572
44	0.854750333	0.906091965	0.964768115	0.980484941	0.996201767
45	0.843985152	0.897743180	0.961100856	0.978105946	0.995677873
46	0.833065553	0.889153818	0.957260997	0.975575532	0.995111037
47	0.822017864	0.880345343	0.953254692	0.972895578	0.994500552
48	0.810867023	0.871338894	0.949088443	0.970068480	0.993845856
49	0.799636532	0.862155144	0.944769024	0.967097100	0.993146521
50	0.788348450	0.852814190	0.940303409	0.963984701	0.992402252

P(U ≤ U') (CONTINUED)

M = 16

N \ U'	32
16	1.000000000
17	0.999999999
18	0.999999992
19	0.999999962
20	0.999999867
21	0.999999624
22	0.999999085
23	0.999998021
24	0.999996099
25	0.999992865
26	0.999987731
27	0.999979969
28	0.999968713
29	0.999952953
30	0.999931554
31	0.999903260
32	0.999866714
33	0.999820472
34	0.999763023
35	0.999692807
36	0.999608236
37	0.999507708
38	0.999389627
39	0.999252419
40	0.999094545
41	0.998914513
42	0.998710890
43	0.998482313
44	0.998227491
45	0.997945218
46	0.997634373
47	0.997293922
48	0.996922928
49	0.996520542
50	0.996086009

P(U ≤ U') (CONTINUED)

M = 17

N \ U'	2	3	4	5	6
17	0.000000001	0.000000015	0.000000234	0.000001879	0.000014221
18	0.000000000	0.000000008	0.000000128	0.000001057	0.000008250
19	0.000000000	0.000000004	0.000000071	0.000000607	0.000004878
20	0.000000000	0.000000002	0.000000041	0.000000356	0.000002936
21	0.000000000	0.000000001	0.000000024	0.000000213	0.000001797
22	0.000000000	0.000000001	0.000000014	0.000000129	0.000001117
23	0.000000000	0.000000000	0.000000008	0.000000080	0.000000705
24	0.000000000	0.000000000	0.000000005	0.000000050	0.000000451
25	0.000000000	0.000000000	0.000000003	0.000000032	0.000000292
26	0.000000000	0.000000000	0.000000002	0.000000021	0.000000191
27	0.000000000	0.000000000	0.000000001	0.000000013	0.000000127
28	0.000000000	0.000000000	0.000000001	0.000000009	0.000000085
29	0.000000000	0.000000000	0.000000001	0.000000006	0.000000058
30	0.000000000	0.000000000	0.000000000	0.000000004	0.000000040
31	0.000000000	0.000000000	0.000000000	0.000000003	0.000000027
32	0.000000000	0.000000000	0.000000000	0.000000002	0.000000019
33	0.000000000	0.000000000	0.000000000	0.000000001	0.000000013
34	0.000000000	0.000000000	0.000000000	0.000000001	0.000000009
35	0.000000000	0.000000000	0.000000000	0.000000001	0.000000007
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000005
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000004
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 17

N \ U'	7	8	9	10	11
17	0.000071814	0.000340583	0.001214081	0.004052949	0.010866232
18	0.000043018	0.000210861	0.000777332	0.002686548	0.007459590
19	0.000026233	0.000132534	0.000504586	0.001800126	0.005168530
20	0.000016268	0.000084501	0.000331848	0.001218884	0.003613882
21	0.000010247	0.000054609	0.000220968	0.000833724	0.002549439
22	0.000006550	0.000035746	0.000148879	0.000575867	0.001814132
23	0.000004245	0.000023683	0.000101436	0.000401514	0.001301747
24	0.000002787	0.000015873	0.000069849	0.000282484	0.000941654
25	0.000001853	0.000010754	0.000048586	0.000200468	0.000686491
26	0.000001246	0.000007362	0.000034121	0.000143449	0.000504233
27	0.000000847	0.000005089	0.000024182	0.000103467	0.000373039
28	0.000000582	0.000003552	0.000017287	0.000075200	0.000277896
29	0.000000403	0.000002500	0.000012461	0.000055057	0.000208400
30	0.000000282	0.000001775	0.000009054	0.000040592	0.000157286
31	0.000000200	0.000001271	0.000006628	0.000030130	0.000119439
32	0.000000142	0.000000917	0.000004887	0.000022509	0.000091236
33	0.000000102	0.000000666	0.000003628	0.000016920	0.000070089
34	0.000000074	0.000000488	0.000002711	0.000012795	0.000054139
35	0.000000054	0.000000359	0.000002039	0.000009731	0.000042038
36	0.000000040	0.000000266	0.000001543	0.000007442	0.000032807
37	0.000000029	0.000000199	0.000001174	0.000005721	0.000025729
38	0.000000022	0.000000149	0.000000898	0.000004421	0.000020272
39	0.000000016	0.000000113	0.000000691	0.000003433	0.000016045
40	0.000000012	0.000000086	0.000000536	0.000002678	0.000012755
41	0.000000009	0.000000065	0.000000415	0.000002099	0.000010182
42	0.000000007	0.000000050	0.000000324	0.000001653	0.000008161
43	0.000000005	0.000000039	0.000000254	0.000001307	0.000006567
44	0.000000004	0.000000030	0.000000200	0.000001037	0.000005305
45	0.000000003	0.000000023	0.000000159	0.000000827	0.000004301
46	0.000000002	0.000000018	0.000000126	0.000000661	0.000003499
47	0.000000002	0.000000014	0.000000101	0.000000531	0.000002857
48	0.000000002	0.000000011	0.000000081	0.000000428	0.000002340
49	0.000000001	0.000000009	0.000000065	0.000000346	0.000001923
50	0.000000001	0.000000007	0.000000052	0.000000281	0.000001585

P(U ≤ U') (CONTINUED)

M = 17

N \ U'	12	13	14	15	16
17	0.027218111	0.057196557	0.112157042	0.190672019	0.302836273
18	0.019373102	0.042207334	0.085890213	0.151414530	0.249478135
19	0.013874558	0.031286615	0.065868894	0.120212474	0.204903769
20	0.010000544	0.023306059	0.050626808	0.095510847	0.167994387
21	0.007255400	0.017451649	0.039020638	0.075996047	0.137621730
22	0.005298353	0.013137851	0.030171822	0.060589627	0.112734435
23	0.003894417	0.009943982	0.023411465	0.048422505	0.092397960
24	0.002880887	0.007567367	0.018233150	0.038802874	0.075806610
25	0.002144561	0.005789737	0.014254644	0.031184458	0.062280035
26	0.001606262	0.004453172	0.011187799	0.025138096	0.051251952
27	0.001210295	0.003442978	0.008815373	0.020327648	0.042255791
28	0.000917255	0.002675493	0.006973409	0.016490223	0.034909863
29	0.000699099	0.002089414	0.005537939	0.013420283	0.028903459
30	0.000535751	0.001639606	0.004415015	0.010957051	0.023984481
31	0.000412749	0.001292680	0.003533245	0.008974616	0.019948810
32	0.000319622	0.001023812	0.002838213	0.007374213	0.016631356
33	0.000248738	0.000814459	0.002288310	0.006078213	0.013898647
34	0.000194505	0.000650697	0.001851613	0.005025462	0.011642753
35	0.000152805	0.000522028	0.001503546	0.004167665	0.009776337
36	0.000120585	0.000420492	0.001225129	0.003466581	0.008228661
37	0.000095573	0.000340029	0.001001611	0.002891847	0.006942352
38	0.000076068	0.000276005	0.000821568	0.002419288	0.005870809
39	0.000060791	0.000224858	0.000676044	0.002029600	0.004976118
40	0.000048773	0.000183841	0.000558030	0.001707325	0.004227373
41	0.000039281	0.000150825	0.000462016	0.001440047	0.003599336
42	0.000031753	0.000124151	0.000383653	0.001217767	0.003071354
43	0.000025759	0.000102526	0.000319499	0.001032409	0.002626493
44	0.000020970	0.000084934	0.000266818	0.000877428	0.002250838
45	0.000017128	0.000070574	0.000223431	0.000747511	0.001932930
46	0.000014036	0.000058816	0.000187596	0.000638328	0.001663314
47	0.000011538	0.000049158	0.000157917	0.000546342	0.001434171
48	0.000009514	0.000041200	0.000133267	0.000468657	0.001239019
49	0.000007868	0.000034623	0.000112741	0.000402894	0.001072477
50	0.000006526	0.000029173	0.000095605	0.000347095	0.000930066

P(U ≤ U') (CONTINUED)

M = 17

N \ U'	17	18	19	20	21
17	0.429021058	0.570978942	0.697163727	0.809327981	0.887842958
18	0.365928666	0.503830610	0.634071334	0.756650840	0.848585470
19	0.310767888	0.441774735	0.572781582	0.702171060	0.805682643
20	0.263129035	0.385445009	0.514556316	0.647442808	0.760396325
21	0.222357043	0.335016493	0.460193661	0.593715973	0.713886053
22	0.187692597	0.290352688	0.410122794	0.541933281	0.667153244
23	0.158361142	0.251121867	0.364496087	0.492757830	0.621019574
24	0.133624949	0.216883356	0.323269098	0.446614886	0.576127963
25	0.112810347	0.187148210	0.286265361	0.403737540	0.532956938
26	0.095319085	0.161419784	0.253226311	0.364210201	0.491841675
27	0.080630041	0.139219297	0.223848222	0.328006900	0.452997313
28	0.068295460	0.120100697	0.197808553	0.295023319	0.416541776
29	0.057934413	0.103658166	0.174784003	0.265102527	0.382516608
30	0.049225127	0.089528739	0.154462335	0.238055012	0.350905125
31	0.041897197	0.077391855	0.136569619	0.213673814	0.321647688
32	0.035772213	0.066967071	0.120774215	0.191745646	0.294654220
33	0.030517070	0.058010785	0.106888501	0.172058788	0.269814219
34	0.026118076	0.050312545	0.094669072	0.154408502	0.247004618
35	0.022395850	0.043691278	0.083915975	0.138600530	0.226095818
36	0.019240972	0.037991663	0.074451340	0.124453183	0.206956224
37	0.016562302	0.033080768	0.066117699	0.111798395	0.189455579
38	0.014283892	0.028844998	0.058776159	0.100482041	0.173467335
39	0.012342412	0.025187387	0.052304557	0.090363742	0.158870276
40	0.010684996	0.022025211	0.046595679	0.081316339	0.145549561
41	0.009267469	0.019287918	0.041555583	0.073225151	0.133397330
42	0.008052869	0.016915331	0.037102050	0.065987111	0.122312981
43	0.007010226	0.014856112	0.033163178	0.059509855	0.112203210
44	0.006113554	0.013066441	0.029676118	0.053710791	0.102981873
45	0.005341010	0.011508895	0.026585945	0.048516201	0.094569737
46	0.004674212	0.010151484	0.023844663	0.043860373	0.086894148
47	0.004097657	0.008966844	0.021410320	0.039684798	0.079888649
48	0.003598253	0.007931541	0.019246237	0.035937420	0.073492582
49	0.003164925	0.007025490	0.017320332	0.032571949	0.067650668
50	0.002788284	0.006231453	0.015604525	0.029547234	0.062312602

P(U ≤ U') (CONTINUED)

M = 17

N \ U'	22	23	24	25	26
17	0.942803443	0.972781889	0.989133768	0.995947051	0.998785919
18	0.917229993	0.957792666	0.981619690	0.992540410	0.997504373
19	0.887198014	0.939071432	0.971408108	0.987576446	0.995436055
20	0.853416869	0.916839967	0.958353268	0.980839639	0.992371111
21	0.816698233	0.891470728	0.942451974	0.972191035	0.988122674
22	0.777874053	0.863431042	0.923824211	0.961569942	0.982539792
23	0.737737760	0.833234458	0.902686602	0.948988031	0.975514892
24	0.697006936	0.801402225	0.879324143	0.934518835	0.966986300
25	0.656302726	0.768435260	0.854063741	0.918285102	0.956936847
26	0.616143632	0.734795500	0.827251501	0.900445835	0.945389724
27	0.576946140	0.700894966	0.799234531	0.881184168	0.932402691
28	0.539032381	0.667090741	0.770347284	0.860696759	0.918061505
29	0.502640245	0.633684212	0.740902004	0.839184979	0.902473259
30	0.467934872	0.600923220	0.711182651	0.816847939	0.885760083
31	0.435020255	0.569006017	0.681441620	0.793877224	0.868053491
32	0.403950222	0.538086225	0.651898592	0.770453140	0.849489506
33	0.374738382	0.508278225	0.622740948	0.746742231	0.830204633
34	0.347366861	0.479662544	0.594129267	0.722895830	0.810332632
35	0.321793789	0.452291023	0.566179518	0.699049429	0.790002047
36	0.297959578	0.426191577	0.539005652	0.675322660	0.769334389
37	0.275792094	0.401372480	0.512682368	0.651819727	0.748442894
38	0.255210864	0.377826158	0.487267907	0.628630167	0.727431747
39	0.236130423	0.355532468	0.462802754	0.605829803	0.706395696
40	0.218462948	0.334461519	0.439312175	0.583481826	0.685419964
41	0.202120293	0.314576050	0.416808556	0.561637940	0.664580394
42	0.187015519	0.295833323	0.395293523	0.540339501	0.643943771
43	0.173064034	0.278187277	0.374759825	0.519618647	0.623568265
44	0.160184396	0.261588870	0.355193000	0.499499366	0.603503955
45	0.148298863	0.245988182	0.336572823	0.479998506	0.583793408
46	0.137333735	0.231334784	0.318874564	0.461126705	0.564472279
47	0.127219547	0.217578533	0.302070052	0.442889251	0.545569917
48	0.117891129	0.204670106	0.286128597	0.425286852	0.527109965
49	0.109287583	0.192561412	0.271017747	0.408316333	0.509110930
50	0.101352189	0.181205890	0.256703934	0.391971263	0.491586738

P(U ≤ U') (CONTINUED)

M = 17

N \ U'	27	28	29	30	31
17	0.999659417	0.999928186	0.999985779	0.999998121	0.999999766
18	0.999222668	0.999810120	0.999956982	0.999992949	0.999998943
19	0.998458982	0.999575139	0.999894041	0.999979461	0.999996546
20	0.997249811	0.999160351	0.999774453	0.999949911	0.999990851
21	0.995475738	0.998492380	0.999569752	0.999892964	0.999979154
22	0.993024717	0.997491667	0.999246541	0.999793514	0.999957606
23	0.989798586	0.996077133	0.998767939	0.999632841	0.999921141
24	0.985717531	0.994170599	0.998095237	0.999389074	0.999863481
25	0.980722536	0.991700546	0.997189552	0.999037890	0.999777225
26	0.974776114	0.988605003	0.996013336	0.998553336	0.999654003
27	0.967861669	0.984833487	0.994531669	0.997908715	0.999484669
28	0.959981896	0.980348078	0.992713260	0.997077442	0.999259533
29	0.951156551	0.975123710	0.990531169	0.996033833	0.998968588
30	0.941419892	0.969147856	0.987963259	0.994753781	0.998601743
31	0.930818024	0.962419747	0.984992406	0.993215304	0.998149042
32	0.919406291	0.954949272	0.981606507	0.991398961	0.997600849
33	0.907246850	0.946755679	0.977798331	0.989288143	0.996948019
34	0.894406480	0.937860193	0.973565242	0.986869236	0.996182031
35	0.880954665	0.928314607	0.968908844	0.984131683	0.995295098
36	0.866961954	0.918139937	0.963834565	0.981067967	0.994280242
37	0.852498611	0.907385144	0.958351209	0.977673509	0.993131349
38	0.837633509	0.896095982	0.952470509	0.973946520	0.991843195
39	0.822433266	0.884319969	0.946206673	0.969887810	0.990411461
40	0.806961590	0.872105488	0.939575955	0.965500567	0.988832719
41	0.791278799	0.859501018	0.932596251	0.960790127	0.987104411
42	0.775441499	0.846554489	0.925286728	0.955763724	0.985224820
43	0.759502380	0.833312760	0.917667479	0.950430249	0.983193020
44	0.743510131	0.819821190	0.909759224	0.944800016	0.981008835
45	0.727509425	0.806123316	0.901583039	0.938884528	0.978672782
46	0.711540979	0.792260598	0.893160122	0.932696262	0.976186017
47	0.695641660	0.778272255	0.884511592	0.926248474	0.973550274
48	0.679844634	0.764195142	0.875658314	0.919555007	0.970767815
49	0.664179540	0.750063694	0.866620759	0.912630127	0.967841369
50	0.648672679	0.735909900	0.857418886	0.905488375	0.964774078

P(U ≤ U') (CONTINUED)

M = 17

N \ U'	32	33	34
17	0.999999985	0.999999999	1.000000000
18	0.999999902	0.999999992	1.000000000
19	0.999999583	0.999999962	0.999999998
20	0.999998649	0.999999867	0.999999989
21	0.999996392	0.999999624	0.999999960
22	0.999991640	0.999999085	0.999999883
23	0.999982645	0.999998021	0.999999703
24	0.999966988	0.999996099	0.999999334
25	0.999941522	0.999992865	0.999998641
26	0.999902358	0.999987731	0.999997432
27	0.999844888	0.999979969	0.999995448
28	0.999763839	0.999968713	0.999992352
29	0.999653364	0.999952953	0.999987727
30	0.999507146	0.999931554	0.999981068
31	0.999318521	0.999903260	0.999971784
32	0.999080597	0.999866714	0.999959198
33	0.998786389	0.999820472	0.999942551
34	0.998428928	0.999763023	0.999921008
35	0.998001381	0.999692807	0.999893664
36	0.997497144	0.999608236	0.999859556
37	0.996909932	0.999507708	0.999817669
38	0.996233846	0.999389627	0.999766948
39	0.995463437	0.999252419	0.999706307
40	0.994593744	0.999094545	0.999634641
41	0.993620329	0.998914513	0.999550833
42	0.992539299	0.998710890	0.999453767
43	0.991347309	0.998482313	0.999342336
44	0.990041573	0.998227491	0.999215447
45	0.988619846	0.997945218	0.999072034
46	0.987080420	0.997634373	0.998911060
47	0.985422098	0.997293922	0.998731526
48	0.983644178	0.996922928	0.998532473
49	0.981746422	0.996520542	0.998312990
50	0.979729030	0.996086009	0.998072213

P(≤ U') (CONTINUED)

M = 18

N \ U'	2	3	4	5	6
18	0.000000000	0.000000004	0.000000068	0.000000577	0.000004653
19	0.000000000	0.000000002	0.000000037	0.000000322	0.000002677
20	0.000000000	0.000000001	0.000000020	0.000000184	0.000001569
21	0.000000000	0.000000001	0.000000012	0.000000107	0.000000936
22	0.000000000	0.000000000	0.000000007	0.000000063	0.000000567
23	0.000000000	0.000000000	0.000000004	0.000000038	0.000000349
24	0.000000000	0.000000000	0.000000002	0.000000023	0.000000218
25	0.000000000	0.000000000	0.000000001	0.000000014	0.000000138
26	0.000000000	0.000000000	0.000000001	0.000000009	0.000000088
27	0.000000000	0.000000000	0.000000001	0.000000006	0.000000057
28	0.000000000	0.000000000	0.000000000	0.000000004	0.000000038
29	0.000000000	0.000000000	0.000000000	0.000000002	0.000000025
30	0.000000000	0.000000000	0.000000000	0.000000002	0.000000017
31	0.000000000	0.000000000	0.000000000	0.000000001	0.000000011
32	0.000000000	0.000000000	0.000000000	0.000000001	0.000000008
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000005
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000004
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 19

N \ U'	7	8	9	10	11
18	0.000025034	0.000126939	0.000483606	0.001731940	0.004977608
19	0.000014844	0.000077639	0.000305273	0.001129462	0.003354774
20	0.000009957	0.000048204	0.000195381	0.000744840	0.002283328
21	0.000005494	0.000030356	0.000126698	0.000496527	0.001569030
22	0.000003422	0.000019375	0.000083189	0.000334455	0.001088253
23	0.000002162	0.000012525	0.000055270	0.000227548	0.000761607
24	0.000001385	0.000008195	0.000037136	0.000156305	0.000537647
25	0.000000899	0.000005424	0.000025219	0.000108360	0.000382727
26	0.000000590	0.000003629	0.000017301	0.000075788	0.000274643
27	0.000000392	0.000002453	0.000011984	0.000053456	0.000198610
28	0.000000263	0.000001675	0.000008378	0.000038012	0.000144696
29	0.000000179	0.000001154	0.000005908	0.000027241	0.000106171
30	0.000000122	0.000000802	0.000004201	0.000019668	0.000078439
31	0.000000085	0.000000563	0.000003012	0.000014302	0.000058333
32	0.000000059	0.000000398	0.000002175	0.000010472	0.000043656
33	0.000000042	0.000000283	0.000001583	0.000007718	0.000032871
34	0.000000030	0.000000203	0.000001160	0.000005724	0.000024896
35	0.000000021	0.000000147	0.000000855	0.000004272	0.000018962
36	0.000000015	0.000000107	0.000000635	0.000003206	0.000014520
37	0.000000011	0.000000078	0.000000474	0.000002420	0.000011178
38	0.000000008	0.000000058	0.000000356	0.000001837	0.000008648
39	0.000000006	0.000000043	0.000000269	0.000001402	0.000006723
40	0.000000004	0.000000032	0.000000205	0.000001075	0.000005251
41	0.000000003	0.000000024	0.000000156	0.000000828	0.000004120
42	0.000000002	0.000000018	0.000000120	0.000000641	0.000003247
43	0.000000002	0.000000014	0.000000093	0.000000499	0.000002569
44	0.000000001	0.000000010	0.000000072	0.000000389	0.000002041
45	0.000000001	0.000000008	0.000000056	0.000000305	0.000001628
46	0.000000001	0.000000006	0.000000044	0.000000241	0.000001304
47	0.000000001	0.000000005	0.000000034	0.000000190	0.000001048
48	0.000000000	0.000000004	0.000000027	0.000000151	0.000000845
49	0.000000000	0.000000003	0.000000021	0.000000120	0.000000684
50	0.000000000	0.000000002	0.000000017	0.000000096	0.000000555

P(U ≤ U') (CONTINUED)

M = 18

N \ U'	12	13	14	15	16
18	0.013416346	0.030293822	0.064048774	0.117092269	0.200446333
19	0.009354875	0.021855084	0.047855520	0.090570521	0.160612511
20	0.006569114	0.015854984	0.035855319	0.070141607	0.128509932
21	0.004646005	0.011569198	0.026954071	0.054427058	0.102779517
22	0.003309444	0.008492223	0.020338575	0.042338944	0.082229722
23	0.002374122	0.006271032	0.015408615	0.033031096	0.065851801
24	0.001715038	0.004658517	0.011722867	0.025851566	0.052811431
25	0.001247396	0.003481126	0.008957366	0.020301006	0.042429486
26	0.000913319	0.002616456	0.006874298	0.015998246	0.034159246
27	0.000673055	0.001977780	0.005298897	0.012652798	0.027563935
28	0.000499123	0.001503335	0.004102470	0.010043349	0.022296414
29	0.000372402	0.001148907	0.003190007	0.008001172	0.018081708
30	0.000279498	0.000882677	0.002491152	0.006397450	0.014702437
31	0.000210974	0.000681617	0.001953226	0.005133648	0.011986920
32	0.000160133	0.000528976	0.001538442	0.004134213	0.009799584
33	0.000122155	0.000412499	0.001216418	0.003341061	0.008033321
34	0.000093729	0.000323175	0.000965623	0.002709410	0.006603431
35	0.000072255	0.000254341	0.000769512	0.002204630	0.005442844
36	0.000055971	0.000201048	0.000615553	0.001799853	0.004498365
37	0.000043560	0.000159597	0.000494216	0.001474170	0.003727724
38	0.000034055	0.000127215	0.000398225	0.001211256	0.003097265
39	0.000026741	0.000101808	0.000322003	0.000998319	0.002580134
40	0.000021087	0.000081790	0.000261260	0.000825308	0.002154851
41	0.000016696	0.000065954	0.000212679	0.000684296	0.001804198
42	0.000013273	0.000053378	0.000173692	0.000569012	0.001514341
43	0.000010592	0.000043352	0.000142299	0.000474479	0.001274135
44	0.000008484	0.000035329	0.000116937	0.000396735	0.001074579
45	0.000006820	0.000028886	0.000096381	0.000332614	0.000908389
46	0.000005502	0.000023694	0.000079670	0.000279582	0.000769654
47	0.000004454	0.000019496	0.000066042	0.000235602	0.000653564
48	0.000003617	0.000016090	0.000054896	0.000199030	0.000556198
49	0.000002947	0.000013318	0.000045753	0.000168540	0.000474350
50	0.000002408	0.000011055	0.000038232	0.000143056	0.000405392

P(U ≤ U') (CONTINUED)

M = 18

N \ U'	17	18	19	20	21
18	0.304638913	0.434879638	0.565120362	0.695361087	0.799553667
19	0.252542623	0.372927293	0.500000000	0.633760744	0.747457377
20	0.208766379	0.318206988	0.439807665	0.573568409	0.693953080
21	0.172286176	0.270502107	0.385087360	0.516041935	0.640448782
22	0.142065889	0.229326967	0.335979395	0.462023173	0.588066952
23	0.117134153	0.194057681	0.292348856	0.412007678	0.537649440
24	0.096621212	0.164020875	0.253887092	0.366219863	0.489785912
25	0.079771297	0.138550072	0.220187261	0.324682862	0.444852803
26	0.065940996	0.117018809	0.190797873	0.287276186	0.403054563
27	0.054590371	0.098857809	0.165258966	0.253793842	0.364462437
28	0.045270911	0.083561738	0.143125247	0.223961438	0.329048487
29	0.037612745	0.070689502	0.123979834	0.197483739	0.296714010
30	0.031312410	0.059860802	0.107441455	0.174054369	0.267312448
31	0.026121794	0.050750740	0.093167259	0.153371350	0.240667283
32	0.021838499	0.043083642	0.080852786	0.135145930	0.216585646
33	0.018297641	0.036626785	0.070230214	0.119107930	0.194868389
34	0.015364979	0.031184439	0.061065643	0.105008589	0.175317302
35	0.012931215	0.026592433	0.053155912	0.092621653	0.157740124
36	0.010907331	0.022713322	0.046325303	0.081743275	0.141953828
37	0.009220761	0.019432176	0.040422308	0.072191156	0.127786639
38	0.007812290	0.016652961	0.035316600	0.063803207	0.115079100
39	0.006633534	0.014295449	0.030896265	0.056435981	0.103684457
40	0.005644900	0.012292612	0.027065307	0.049962984	0.093468571
41	0.004813936	0.010588632	0.023761451	0.044272993	0.084309500
42	0.004113997	0.009136059	0.020854203	0.039268430	0.076096883
43	0.003523166	0.007896282	0.018343172	0.034863834	0.068731192
44	0.003023381	0.006836255	0.016156614	0.030984457	0.062122927
45	0.002599729	0.005928428	0.014250177	0.027564975	0.056191790
46	0.002239869	0.005149670	0.012585827	0.024548341	0.050865871
47	0.001933574	0.004480533	0.011130927	0.021884754	0.046080865
48	0.001672348	0.003904648	0.009857447	0.019530746	0.041779334
49	0.001449118	0.003408211	0.008741297	0.017448377	0.037910015
50	0.001257987	0.002979571	0.007761751	0.015604525	0.034427183

P(U ≤ U') (CONTINUED)

M = 18

N \ U'	22	23	24	25	26
18	0.882907731	0.935951226	0.969706178	0.986583654	0.995022392
19	0.843765113	0.909429479	0.954001654	0.978144916	0.991145134
20	0.800961675	0.878786108	0.934501327	0.967001872	0.985573612
21	0.755688808	0.844737919	0.911405702	0.953073067	0.978073486
22	0.709068979	0.808070638	0.885071928	0.936406121	0.968489992
23	0.662094615	0.769569993	0.855961684	0.917155799	0.956751991
24	0.615598616	0.729973801	0.824593272	0.895557876	0.942867612
25	0.570247525	0.689942486	0.791501847	0.871903008	0.926914329
26	0.526549364	0.650044166	0.757209076	0.846513168	0.909026032
27	0.484869869	0.610750365	0.722201872	0.819721940	0.889379132
28	0.445452602	0.572438910	0.686918990	0.791859063	0.868179117
29	0.408439946	0.535401237	0.651743946	0.763239043	0.845648463
30	0.373893111	0.499852075	0.617002721	0.734153366	0.822016350
31	0.341810156	0.465940046	0.582964359	0.704865705	0.797510348
32	0.312141580	0.433758223	0.549846857	0.675609502	0.772350013
33	0.284803385	0.403354062	0.517816785	0.646587348	0.746742231
34	0.259687759	0.374738382	0.486999898	0.617971667	0.720878058
35	0.236671605	0.347893236	0.457484052	0.589906288	0.694930820
36	0.215623210	0.322778674	0.429325301	0.562508584	0.669055211
37	0.196407350	0.299338416	0.402553039	0.535871928	0.643387160
38	0.178889100	0.277504554	0.377174719	0.510068272	0.618044284
39	0.162936600	0.257201372	0.353180049	0.485150731	0.593126743
40	0.148422995	0.238348418	0.330544684	0.461156061	0.568718372
41	0.135227724	0.220862919	0.309233390	0.438106995	0.544887981
42	0.123237303	0.204661666	0.289202750	0.416014377	0.521690732
43	0.112345741	0.189662441	0.270403424	0.394879106	0.499169542
44	0.102454661	0.175785085	0.252782030	0.374693860	0.477356454
45	0.093473224	0.162952260	0.236282685	0.355444624	0.456273957
46	0.085317910	0.151089996	0.220848248	0.337112018	0.435936222
47	0.077912194	0.140127973	0.206421319	0.319672452	0.416350249
48	0.071186164	0.129999823	0.192945021	0.303099116	0.397516912
49	0.065076104	0.120643105	0.180363598	0.287362816	0.379431911
50	0.059524060	0.111999349	0.168622882	0.272432693	0.362086620

P(U ≤ U') (CONTINUED)

M = 18

N \ U'	27	28	29	30	31
18	0.998268060	0.999516394	0.999873061	0.999974966	0.999995347
19	0.996645226	0.998952957	0.999694727	0.999930210	0.999985156
20	0.994145184	0.997991402	0.999365052	0.999836017	0.999961608
21	0.990573695	0.996490954	0.998815592	0.999660915	0.999914511
22	0.985765923	0.994308965	0.997970269	0.999365052	0.999829979
23	0.979595947	0.991310797	0.996749834	0.998901542	0.999690501
24	0.971981295	0.987377955	0.995076285	0.998218460	0.999475330
25	0.962883269	0.982413915	0.992876762	0.997261193	0.999161113
26	0.952304169	0.976347578	0.990086669	0.995974851	0.998722669
27	0.940282464	0.969134555	0.986651897	0.994306533	0.998133851
28	0.926886850	0.960756697	0.982530169	0.992207268	0.997368388
29	0.912209917	0.951129920	0.977691620	0.989633572	0.996400678
30	0.896361952	0.940553393	0.972118709	0.986548567	0.995206483
31	0.879465224	0.928802608	0.965805646	0.982922697	0.993763497
32	0.861648947	0.916029707	0.958757448	0.978734054	0.992051792
33	0.843045002	0.902308246	0.950988768	0.973968393	0.990054131
34	0.823784448	0.887720371	0.942522590	0.968618885	0.987756168
35	0.803994757	0.872353920	0.933388887	0.962685671	0.985146539
36	0.783797732	0.856299874	0.923623292	0.956175275	0.982216861
37	0.763307996	0.839650173	0.913265843	0.949099926	0.978961662
38	0.742631990	0.822495904	0.902359818	0.941476837	0.975378254
39	0.721867372	0.804925843	0.890950688	0.933327458	0.971466552
40	0.701102755	0.787025310	0.879085192	0.924676752	0.967228875
41	0.680417695	0.768875317	0.866810541	0.915552496	0.962669719
42	0.659882890	0.750551952	0.854173738	0.905984631	0.957795523
43	0.639560514	0.732125989	0.841221015	0.896004664	0.952614434
44	0.619504660	0.713662661	0.827997375	0.885645130	0.947136069
45	0.599761854	0.695221578	0.814546232	0.874939119	0.941371294
46	0.580371598	0.676856768	0.800909129	0.863919852	0.935332005
47	0.561366943	0.658616797	0.787125533	0.852620333	0.929030933
48	0.542775059	0.640544966	0.773232697	0.841073040	0.922481453
49	0.524617791	0.622679548	0.759265567	0.829309680	0.915697418
50	0.506912196	0.605054069	0.745256745	0.817360978	0.908693007

P(U ≤ U') (CONTINUED)

M = 18

N \ U'	32	33	34	35	36
18	0.999999423	0.999999932	0.999999996	1.000000000	1.000000000
19	0.999997715	0.999999678	0.999999972	0.999999998	1.000000000
20	0.999993006	0.999998893	0.999999874	0.999999989	0.999999999
21	0.999982137	0.999996930	0.999999572	0.999999960	0.999999997
22	0.999960159	0.999992704	0.999998806	0.999999883	0.999999988
23	0.999920016	0.999984567	0.999997119	0.999999703	0.999999964
24	0.999852391	0.999970223	0.999993789	0.999999334	0.999999905
25	0.999745703	0.999946656	0.999987760	0.999998641	0.999999779
26	0.999586269	0.999910119	0.999977588	0.999997432	0.999999533
27	0.999358593	0.999856144	0.999961396	0.999995448	0.999999090
28	0.999045751	0.999779598	0.999936851	0.999992352	0.999998337
29	0.998629842	0.999674763	0.999901162	0.999987727	0.999997128
30	0.998092454	0.999535440	0.999851093	0.999981068	0.999995267
31	0.997415134	0.999355067	0.999782993	0.999971784	0.999992514
32	0.996579822	0.999126840	0.999692843	0.999959198	0.999988575
33	0.995569241	0.998843838	0.999576313	0.999942551	0.999983103
34	0.994367230	0.998499143	0.999428824	0.999921008	0.999975695
35	0.992959015	0.998085952	0.999245616	0.999893664	0.999965892
36	0.991331416	0.997597672	0.999021821	0.999859556	0.999953185
37	0.989472993	0.997028012	0.998752528	0.999817669	0.999937013
38	0.987374140	0.996371054	0.998432847	0.999766948	0.999916767
39	0.985027119	0.995621311	0.998057976	0.999706307	0.999891797
40	0.982426062	0.994773776	0.997623249	0.999634641	0.999861416
41	0.979566930	0.993823952	0.997124188	0.999550833	0.999824901
42	0.976447445	0.992767876	0.996556548	0.999453767	0.999781507
43	0.973066996	0.991602131	0.995916343	0.999342336	0.999730465
44	0.969426535	0.990323846	0.995199885	0.999215447	0.999670994
45	0.965528448	0.988930692	0.994403797	0.999072034	0.999602300
46	0.961376437	0.987420870	0.993525033	0.998911060	0.999523589
47	0.956975381	0.985793093	0.992560889	0.998731526	0.999434066
48	0.952331204	0.984046565	0.991509002	0.998532473	0.999332942
49	0.947450749	0.982180955	0.990367361	0.998312990	0.999219443
50	0.942341649	0.980196372	0.989134293	0.998072213	0.999092806

P(U ≤ U') (CONTINUED)

M = 19

N \ U'	2	3	4	5	6
19	0.000000000	0.000000001	0.000000019	0.000000175	0.000001500
20	0.000000000	0.000000001	0.000000010	0.000000097	0.000000857
21	0.000000000	0.000000000	0.000000006	0.000000055	0.000000498
22	0.000000000	0.000000000	0.000000003	0.000000032	0.000000294
23	0.000000000	0.000000000	0.000000002	0.000000019	0.000000177
24	0.000000000	0.000000000	0.000000001	0.000000011	0.000000108
25	0.000000000	0.000000000	0.000000001	0.000000007	0.000000067
26	0.000000000	0.000000000	0.000000000	0.000000004	0.000000042
27	0.000000000	0.000000000	0.000000000	0.000000003	0.000000027
28	0.000000000	0.000000000	0.000000000	0.000000002	0.000000017
29	0.000000000	0.000000000	0.000000000	0.000000001	0.000000011
30	0.000000000	0.000000000	0.000000000	0.000000001	0.000000007
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000005
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 19

N \ U'	7	8	9	10	11
19	0.000008564	0.000046242	0.000187531	0.000717367	0.002200909
20	0.000005032	0.000027977	0.000116886	0.000461053	0.001459138
21	0.000003008	0.000017179	0.000073865	0.000299725	0.000977304
22	0.000001827	0.000010698	0.000047294	0.000197003	0.000661101
23	0.000001126	0.000006752	0.000030659	0.000130861	0.000451508
24	0.000000704	0.000004315	0.000020112	0.000087813	0.000311225
25	0.000000446	0.000002791	0.000013342	0.000059501	0.000216444
26	0.000000287	0.000001826	0.000008946	0.000040696	0.000151821
27	0.000000186	0.000001208	0.000006059	0.000028083	0.000107371
28	0.000000122	0.000000807	0.000004144	0.000019547	0.000076537
29	0.000000081	0.000000544	0.000002861	0.000013717	0.000054973
30	0.000000055	0.000000371	0.000001992	0.000009703	0.000039774
31	0.000000037	0.000000255	0.000001399	0.000006915	0.000028979
32	0.000000025	0.000000177	0.000000990	0.000004964	0.000021256
33	0.000000017	0.000000123	0.000000706	0.000003589	0.000015693
34	0.000000012	0.000000087	0.000000508	0.000002612	0.000011658
35	0.000000009	0.000000052	0.000000367	0.000001913	0.000008713
36	0.000000006	0.000000005	0.000000268	0.000001410	0.000006549
37	0.000000004	0.000000032	0.000000196	0.000001045	0.000004950
38	0.000000003	0.000000023	0.000000145	0.000000779	0.000003762
39	0.000000002	0.000000017	0.000000108	0.000000584	0.000002873
40	0.000000002	0.000000012	0.000000080	0.000000441	0.000002206
41	0.000000001	0.000000009	0.000000060	0.000000334	0.000001701
42	0.000000001	0.000000007	0.000000046	0.000000254	0.000001319
43	0.000000001	0.000000005	0.000000035	0.000000195	0.000001026
44	0.000000000	0.000000004	0.000000026	0.000000150	0.000000802
45	0.000000000	0.000000003	0.000000020	0.000000115	0.000000630
46	0.000000000	0.000000002	0.000000016	0.000000090	0.000000497
47	0.000000000	0.000000002	0.000000012	0.000000070	0.000000393
48	0.000000000	0.000000001	0.000000009	0.000000055	0.000000312
49	0.000000000	0.000000001	0.000000007	0.000000043	0.000000249
50	0.000000000	0.000000001	0.000000006	0.000000034	0.000000199

P(U ≤ U') (CONTINUED)

M = 19

N \ U'	12	13	14	15	16
19	0.006354824	0.015354975	0.034855302	0.068284434	0.125591516
20	0.004350142	0.010854900	0.025470529	0.051569868	0.098101260
21	0.003001007	0.007722979	0.018684701	0.039042185	0.076625233
22	0.002086330	0.005530635	0.013765294	0.029646424	0.059896193
23	0.001461545	0.003986636	0.010187139	0.022588144	0.046883991
24	0.001031561	0.002892430	0.007574615	0.017273427	0.036766607
25	0.000733432	0.002112066	0.005659176	0.013260126	0.028896366
26	0.000525201	0.001551996	0.004248629	0.010219746	0.022767346
27	0.000378709	0.001147501	0.003205149	0.007908346	0.017986624
28	0.000274923	0.000853551	0.002429622	0.006144647	0.014250156
29	0.000200888	0.000638632	0.001850535	0.004793729	0.011323167
30	0.000147721	0.000480558	0.001416100	0.003754955	0.009024538
31	0.000109291	0.000363615	0.001088660	0.002953062	0.007214551
32	0.000081340	0.000276610	0.000840723	0.002331594	0.005785350
33	0.000060884	0.000211520	0.000652129	0.001848069	0.004653581
34	0.000045825	0.000162563	0.000508030	0.001470403	0.003754718
35	0.000034676	0.000125549	0.000397444	0.001174289	0.003038715
36	0.000026376	0.000097421	0.000312210	0.000941235	0.002466675
37	0.000020163	0.000075943	0.000246240	0.000757130	0.002008292
38	0.000015488	0.000059462	0.000194967	0.000611162	0.001639894
39	0.000011953	0.000046759	0.000154958	0.000495014	0.001342946
40	0.000009267	0.000036922	0.000123615	0.000402272	0.001102894
41	0.000007216	0.000029273	0.000098967	0.000327963	0.000908276
42	0.000005643	0.000023299	0.000079512	0.000268225	0.000750047
43	0.000004431	0.000018615	0.000064099	0.000220043	0.000621043
44	0.000003493	0.000014927	0.000051845	0.000181057	0.000515578
45	0.000002764	0.000012012	0.000042069	0.000149413	0.000429122
46	0.000002196	0.000009700	0.000034243	0.000123650	0.000358062
47	0.000001751	0.000007860	0.000027959	0.000102614	0.000299505
48	0.000001401	0.000006389	0.000022896	0.000085386	0.000251127
49	0.000001124	0.000005210	0.000018804	0.000071237	0.000211059
50	0.000000906	0.000004261	0.000015486	0.000059585	0.000177792

P(U ≤ U') (CONTINUED)

M = 19

N \ U'	17	18	19	20	21
19	0.204388755	0.312734958	0.433119628	0.566880372	0.687265042
20	0.164990135	0.260961131	0.372927293	0.503258275	0.627072707
21	0.132999803	0.216974425	0.319610073	0.444016919	0.568423765
22	0.107161459	0.179949967	0.272957506	0.389778569	0.512440685
23	0.086364742	0.149002472	0.232519445	0.340782189	0.459871206
24	0.069661347	0.123267591	0.197720706	0.296991527	0.411152972
25	0.056259786	0.101946926	0.167939460	0.258185661	0.366481102
26	0.045509871	0.084329009	0.142357716	0.224029981	0.325870312
27	0.036883356	0.069795274	0.120991528	0.194129035	0.289207793
28	0.029954580	0.057817267	0.102707152	0.168064072	0.256295915
29	0.024382042	0.047949232	0.087227881	0.145418473	0.226885301
30	0.019893054	0.039818666	0.074134998	0.125793992	0.200699534
31	0.016270215	0.033116415	0.063065213	0.108820323	0.177452987
32	0.013340441	0.027587185	0.053706214	0.094159929	0.156863188
33	0.010965984	0.023020921	0.045791356	0.081509687	0.138659016
34	0.009037194	0.019245224	0.039094169	0.070600433	0.122585767
35	0.007466728	0.016118833	0.033423042	0.061195230	0.108407949
36	0.006184935	0.013526115	0.028616317	0.053086916	0.095910464
37	0.005136195	0.011372452	0.024537884	0.046095316	0.084898695
38	0.004276022	0.009580424	0.021073297	0.040064368	0.075197850
39	0.003568768	0.008086656	0.018126406	0.034859324	0.066651868
40	0.002985815	0.006839235	0.015616469	0.030364125	0.059122055
41	0.002504137	0.005795600	0.013475680	0.026478990	0.052485610
42	0.002105172	0.004920820	0.011647089	0.023118247	0.046634120
43	0.001773919	0.004186187	0.010082841	0.020208408	0.041472099
44	0.001498232	0.003568077	0.008742692	0.017686470	0.036915594
45	0.001268249	0.003047023	0.007592778	0.015498439	0.032890894
46	0.001075949	0.002606952	0.006604570	0.013598040	0.029333346
47	0.000914791	0.002234579	0.005754013	0.011945611	0.026186285
48	0.000779428	0.001918900	0.005020797	0.010507146	0.023400066
49	0.000665481	0.001650789	0.004387757	0.009253478	0.020931209
50	0.000569353	0.001422660	0.003840364	0.008159573	0.018741635

P(U ≤ U') (CONTINUED)

M = 19

N \ U'	22	23	24	25	26
19	0.795611245	0.874408484	0.931715566	0.965144698	0.984645025
20	0.744370591	0.835009865	0.904806952	0.948430132	0.975573444
21	0.691586543	0.792356089	0.873786024	0.928072648	0.963698245
22	0.638607433	0.747569624	0.839327259	0.904322250	0.948926656
23	0.586538616	0.701690807	0.802187264	0.877559607	0.931297296
24	0.536234206	0.655629930	0.763137768	0.848248140	0.910961046
25	0.488313474	0.610145845	0.722916305	0.816891687	0.888156353
26	0.443190373	0.565843165	0.682193639	0.784000303	0.863183265
27	0.401108177	0.523181324	0.641555285	0.750064748	0.836379095
28	0.362174126	0.482490275	0.601493884	0.715539010	0.808097373
29	0.326391212	0.443989107	0.562409366	0.680829624	0.778690810
30	0.293685725	0.407805140	0.524614238	0.646290382	0.748498343
31	0.263990144	0.373991980	0.488341939	0.612221062	0.717835955
32	0.236961544	0.342545741	0.453756682	0.578868990	0.686990738
33	0.212595960	0.313419066	0.420963712	0.546432466	0.656217625
34	0.190639296	0.286532904	0.390019262	0.515065277	0.625738187
35	0.170895371	0.261786167	0.360939762	0.484881756	0.595740985
36	0.153171666	0.239063468	0.333710081	0.455961958	0.566383007
37	0.137283255	0.218241213	0.308290705	0.428356695	0.537791842
38	0.123055350	0.199192281	0.284623851	0.402092260	0.510068272
39	0.110324783	0.181789554	0.262638588	0.377174719	0.483289075
40	0.098940727	0.165908494	0.242255039	0.353593751	0.457509881
41	0.088764844	0.151428977	0.223387789	0.331326008	0.432767945
42	0.079671054	0.138236528	0.205948591	0.310338021	0.409084780
43	0.071545034	0.126223097	0.189848480	0.290588670	0.386468587
44	0.064283556	0.115287485	0.174999402	0.272031266	0.364916470
45	0.057793727	0.105335499	0.161315421	0.254615291	0.344416415
46	0.051992188	0.096279923	0.148713606	0.238287813	0.324949039
47	0.046804305	0.088040344	0.137114639	0.222994656	0.306489116
48	0.042163379	0.080542883	0.126443218	0.208681320	0.289006907
49	0.038009890	0.073719860	0.116628282	0.195293722	0.272469286
50	0.034290787	0.067509430	0.107603112	0.182778766	0.256840706

P(U ≤ U') (CONTINUED)

M = 19

N \ U'	27	28	29	30	31
19	0.993645176	0.997799091	0.999282633	0.999812469	0.999953758
20	0.989145100	0.995890775	0.998540862	0.999573363	0.999883114
21	0.982881259	0.992999772	0.997336277	0.999143154	0.999745447
22	0.974659967	0.988912263	0.995529400	0.998438032	0.999504530
23	0.964366643	0.983445112	0.992984347	0.997364608	0.999116712
24	0.951965638	0.976457068	0.989577478	0.995825291	0.998532677
25	0.937493429	0.967854706	0.985204008	0.993723754	0.997699636
26	0.921047737	0.957593719	0.979782351	0.990969897	0.996563669
27	0.902774746	0.945676551	0.973256283	0.987483922	0.995071997
28	0.882856050	0.932147486	0.965595246	0.983199330	0.993174978
29	0.861496428	0.917086214	0.956793204	0.978064806	0.990827767
30	0.838913078	0.900600723	0.946866457	0.972045087	0.987991553
31	0.815326625	0.882820166	0.935850806	0.965120964	0.984634403
32	0.790953957	0.863888154	0.923798388	0.957288580	0.980731715
33	0.766002785	0.843956744	0.910774424	0.948558231	0.976266356
34	0.740667748	0.823181279	0.896854074	0.938952814	0.971228515
35	0.715127846	0.801716119	0.882119515	0.928506090	0.965615350
36	0.689544947	0.779711248	0.866657323	0.917260859	0.959430473
37	0.664063166	0.757309682	0.850556198	0.905267164	0.952683335
38	0.638808901	0.734645598	0.833905035	0.892580563	0.945388539
39	0.613891369	0.711843074	0.816791339	0.879260544	0.937565135
40	0.589403432	0.689015344	0.799299961	0.865369087	0.929235908
41	0.565422786	0.666264475	0.781512120	0.850969406	0.920426691
42	0.542013108	0.643681369	0.763504675	0.836124861	0.911165720
43	0.519225395	0.621346017	0.745349629	0.820898048	0.901483028
44	0.497099260	0.599327946	0.727113804	0.805350043	0.891409906
45	0.475664213	0.577686793	0.708858681	0.789539803	0.880978407
46	0.454940877	0.556472963	0.690640363	0.773523699	0.870220924
47	0.434942132	0.535728345	0.672509634	0.757355170	0.859169813
48	0.415674180	0.515487040	0.654512096	0.741084474	0.847857075
49	0.397137506	0.495776097	0.636688371	0.724758541	0.836314091
50	0.379327760	0.476616226	0.619074336	0.708420886	0.824571402

P(U ≤ U') (CONTINUED)

M = 19

N \ U'	32	33	34	35	36
19	0.999991436	0.999998500	0.999999825	0.999999981	0.999999999
20	0.999974892	0.999994968	0.999999270	0.999999903	0.999999992
21	0.999938180	0.999986364	0.999997657	0.999999650	0.999999962
22	0.999866493	0.999968295	0.999993746	0.999998985	0.999999866
23	0.999739683	0.999934361	0.999985464	0.999997488	0.999999610
24	0.999532328	0.999875957	0.999969675	0.999994482	0.999999022
25	0.999214257	0.999782240	0.999941985	0.999988969	0.999997813
26	0.998751456	0.999640244	0.999896626	0.999979573	0.999995541
27	0.998107226	0.999435139	0.999826400	0.999964491	0.999991568
28	0.997243478	0.999150587	0.999722719	0.999941476	0.999985029
29	0.996122032	0.998769165	0.999575713	0.999907821	0.999974801
30	0.994705855	0.998272827	0.999374393	0.999860377	0.999959480
31	0.992960136	0.997643362	0.999106870	0.999795579	0.999937372
32	0.990853195	0.996862824	0.998760602	0.999709491	0.999906492
33	0.988357174	0.995913935	0.998322653	0.999597857	0.999864566
34	0.985448534	0.994780421	0.997779956	0.999456167	0.999809054
35	0.982108354	0.993447294	0.997119565	0.999279724	0.999737169
36	0.978322460	0.991901075	0.996328885	0.999063708	0.999645911
37	0.974081401	0.990120951	0.995395882	0.998803249	0.999532097
38	0.969380311	0.988123883	0.994309261	0.998493488	0.999392401
39	0.964218663	0.985874654	0.993058613	0.998129642	0.999223394
40	0.958599964	0.983375886	0.991634527	0.997707057	0.999021581
41	0.952531392	0.980623006	0.990028680	0.997221254	0.998783442
42	0.946023409	0.977613190	0.988233892	0.996667979	0.998505471
43	0.939089353	0.974345282	0.986244158	0.996043232	0.998184206
44	0.931745034	0.970819689	0.984054653	0.995343298	0.997816267
45	0.924008339	0.967038270	0.981661724	0.994564771	0.997398381
46	0.915898852	0.963004214	0.979062861	0.993704568	0.996927410
47	0.907437496	0.958721909	0.976256653	0.992759941	0.996400373
48	0.898646204	0.954196813	0.973242737	0.991728486	0.995814463
49	0.889547616	0.949435333	0.970021735	0.990608137	0.995167064
50	0.880164811	0.944444690	0.966595188	0.989397173	0.994455764

P(U ≤ U') (CONTINUED)

M = 19

N \ U'	37	38
19	1.000000000	1.000000000
20	0.999999999	1.000000000
21	0.999999997	1.000000000
22	0.999999988	0.999999999
23	0.999999964	0.999999997
24	0.999999905	0.999999989
25	0.999999779	0.999999970
26	0.999999533	0.999999927
27	0.999999090	0.999999842
28	0.999998337	0.999999682
29	0.999997128	0.999999402
30	0.999995267	0.999998937
31	0.999992514	0.999998203
32	0.999988575	0.999997088
33	0.999983103	0.999995451
34	0.999975695	0.999993121
35	0.999965892	0.999989894
36	0.999953185	0.999985530
37	0.999937013	0.999979754
38	0.999916767	0.999972256
39	0.999891797	0.999962689
40	0.999861416	0.999950673
41	0.999824901	0.999935797
42	0.999781507	0.999917617
43	0.999730465	0.999895664
44	0.999670994	0.999869442
45	0.999602300	0.999838434
46	0.999523589	0.999802106
47	0.999434066	0.999759907
48	0.999332942	0.999711274
49	0.999219443	0.999655637
50	0.999092806	0.999592420

P(U ≤ U') (CONTINUED)

M = 20

N \ U'	2	3	4	5	6
20	0.000000000	0.000000000	0.000000006	0.000000053	0.000000477
21	0.000000000	0.000000300	0.000000003	0.000000029	0.000000271
22	0.000000000	0.000000000	0.000000002	0.000000016	0.000000156
23	0.000000000	0.000000000	0.000000001	0.000000009	0.000000092
24	0.000000000	0.000000000	0.000000001	0.000000005	0.000000055
25	0.000000000	0.000000000	0.000000000	0.000000003	0.000000033
26	0.000000000	0.000000000	0.000000000	0.000000002	0.000000020
27	0.000000000	0.000000000	0.000000000	0.000000001	0.000000013
28	0.000000000	0.000000000	0.000000000	0.000000001	0.000000008
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000005
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 20

N \ U'	7	8	9	10	11
20	0.000002881	0.000016504	0.000070997	0.000288970	0.000942887
21	0.000001679	0.000009888	0.000043751	0.000183306	0.000615929
22	0.000000995	0.000006012	0.000027333	0.000117633	0.000406595
23	0.000000599	0.000003706	0.000017299	0.000076333	0.000271144
24	0.000000366	0.000002315	0.000011085	0.000050064	0.000182594
25	0.000000227	0.000001464	0.000007187	0.000033173	0.000124125
26	0.000000142	0.000000937	0.000004712	0.000022198	0.000085146
27	0.000000090	0.000000607	0.000003123	0.000014994	0.000058917
28	0.000000058	0.000000397	0.000002090	0.000010220	0.000041111
29	0.000000038	0.000000262	0.000001413	0.000007026	0.000028917
30	0.000000025	0.000000175	0.000000964	0.000004871	0.000020497
31	0.000000016	0.000000118	0.000000663	0.000003403	0.000014637
32	0.000000011	0.000000080	0.000000460	0.000002396	0.000010527
33	0.000000007	0.000000055	0.000000322	0.000001700	0.000007623
34	0.000000005	0.000000038	0.000000227	0.000001214	0.000005557
35	0.000000004	0.000000026	0.000000161	0.000000873	0.000004077
36	0.000000002	0.000000019	0.000000115	0.000000632	0.000003009
37	0.000000002	0.000000013	0.000000083	0.000000460	0.000002234
38	0.000000001	0.000000009	0.000000060	0.000000337	0.000001668
39	0.000000001	0.000000007	0.000000044	0.000000249	0.000001252
40	0.000000001	0.000000005	0.000000032	0.000000184	0.000000945
41	0.000000000	0.000000004	0.000000024	0.000000137	0.000000717
42	0.000000000	0.000000003	0.000000018	0.000000103	0.000000546
43	0.000000000	0.000000002	0.000000013	0.000000078	0.000000418
44	0.000000000	0.000000001	0.000000010	0.000000059	0.000000322
45	0.000000000	0.000000001	0.000000007	0.000000045	0.000000249
46	0.000000000	0.000000001	0.000000006	0.000000034	0.000000193
47	0.000000000	0.000000001	0.000000004	0.000000026	0.000000151
48	0.000000000	0.000000000	0.000000003	0.000000020	0.000000118
49	0.000000000	0.000000000	0.000000003	0.000000016	0.000000093
50	0.000000000	0.000000000	0.000000002	0.000000012	0.000000073

P(U ≤ U') (CONTINUED)

M = 20

N \ U'	12	13	14	15	16
20	0.002904640	0.007482062	0.018162715	0.037998212	0.074835564
21	0.001955662	0.005193351	0.013008463	0.028080463	0.057108020
22	0.001327662	0.003630329	0.009361411	0.020823574	0.043630940
23	0.000908709	0.002555751	0.006770762	0.015501855	0.033394146
24	0.000626957	0.001811926	0.004922468	0.011587917	0.025617099
25	0.000435959	0.001293502	0.003597607	0.008699556	0.019702836
26	0.000305463	0.000929896	0.002643275	0.006560029	0.015197870
27	0.000215617	0.000672659	0.001952375	0.004968848	0.011759177
28	0.000153293	0.000489842	0.001449629	0.003780540	0.009127925
29	0.000109744	0.000358962	0.001081918	0.002889309	0.007109014
30	0.000079097	0.000264663	0.000811596	0.002217993	0.005555396
31	0.000057381	0.000196297	0.000611858	0.001710127	0.004356150
32	0.000041889	0.000146430	0.000463535	0.001324249	0.003427498
33	0.000030767	0.000109840	0.000352847	0.001029794	0.002706044
34	0.000022731	0.000082840	0.000269845	0.000804145	0.002143712
35	0.000016890	0.000062803	0.000207307	0.000630497	0.001703955
36	0.000012619	0.000047855	0.000159970	0.000496315	0.001358915
37	0.000009478	0.000036643	0.000123975	0.000392208	0.001087298
38	0.000007156	0.000028192	0.000096484	0.000311115	0.000872779
39	0.000005429	0.000021789	0.000075396	0.000247701	0.000702806
40	0.000004139	0.000016916	0.000059151	0.000197924	0.000567696
41	0.000003170	0.000013190	0.000046587	0.000158705	0.000459961
42	0.000002439	0.000010327	0.000036829	0.000127694	0.000373786
43	0.000001885	0.000008118	0.000029222	0.000103085	0.000304646
44	0.000001463	0.000006407	0.000023269	0.000083488	0.000249006
45	0.000001140	0.000005076	0.000018593	0.000067831	0.000204100
46	0.000000892	0.000004036	0.000014906	0.000055280	0.000167751
47	0.000000701	0.000003221	0.000011990	0.000045187	0.000138245
48	0.000000552	0.000002580	0.000009675	0.000037044	0.000114228
49	0.000000437	0.000002073	0.000007832	0.000030455	0.000094625
50	0.000000347	0.000001671	0.000006358	0.000025108	0.000078583

P(U ≤ U') (CONTINUED)

M = 20

N \ U'	17	18	19	20	21
20	0.130091592	0.212975633	0.314278351	0.438092784	0.561907216
21	0.102463578	0.173218247	0.263626992	0.378930898	0.500000000
22	0.080692910	0.140562246	0.220388027	0.326083275	0.442348047
23	0.063587385	0.113509452	0.183801211	0.279475263	0.389500423
24	0.050168168	0.092255714	0.153048837	0.238782728	0.341663397
25	0.039646281	0.074719236	0.127328670	0.203536573	0.298796452
26	0.031393821	0.060546533	0.105895197	0.173198372	0.260692500
27	0.024915440	0.049105989	0.088079650	0.147212102	0.227040912
28	0.019822693	0.039875385	0.073296537	0.125037433	0.197474686
29	0.015812155	0.032427242	0.061042115	0.106169512	0.171604239
30	0.012647377	0.026414163	0.050888450	0.090149286	0.149040540
31	0.010144324	0.021555297	0.042475414	0.076567456	0.129410122
32	0.008159807	0.017624427	0.035502042	0.065064372	0.112364101
33	0.006582371	0.014439791	0.029718108	0.055327477	0.097582936
34	0.005325184	0.011855573	0.024916351	0.047087425	0.084778251
35	0.004320508	0.009754888	0.020925558	0.040113615	0.073692714
36	0.003515415	0.008044065	0.017604548	0.034209597	0.064098686
37	0.002868465	0.006648015	0.014837040	0.029208661	0.055796161
38	0.002347148	0.005506510	0.012527315	0.024969741	0.048610350
39	0.001925900	0.004571196	0.010596593	0.021373727	0.042389137
40	0.001584571	0.003803207	0.008980023	0.018320206	0.037000570
41	0.001307242	0.003171259	0.007624190	0.015724613	0.032330479
42	0.001081300	0.002650136	0.006485069	0.013515778	0.028280268
43	0.000896731	0.002219475	0.005526335	0.011633820	0.024764913
44	0.000745560	0.001862907	0.004717992	0.010028360	0.021711171
45	0.000621422	0.001566784	0.004035230	0.008657001	0.019055987
46	0.000519221	0.001320572	0.003457509	0.007484052	0.016745101
47	0.000434868	0.001115355	0.002967794	0.006479446	0.014731829
48	0.000365074	0.000943951	0.002551941	0.005617841	0.012976003
49	0.000307187	0.000800490	0.002198183	0.004877855	0.011443053
50	0.000259059	0.000680172	0.001896720	0.004241433	0.010103217

P(U ≤ U') (CONTINUED)

M = 20

N \ U'	22	23	24	25	26
20	0.685721649	0.787024367	0.869908408	0.925164436	0.962001788
21	0.626834297	0.736373008	0.830712568	0.897536422	0.944706202
22	0.569182344	0.684486250	0.788259766	0.866089903	0.923741856
23	0.513876691	0.632599492	0.743613021	0.831498731	0.899340331
24	0.461690844	0.581718292	0.697777890	0.794494221	0.871867286
25	0.413108306	0.532616154	0.651651639	0.755807689	0.841777761
26	0.368377580	0.485852214	0.605996725	0.716129194	0.809574925
27	0.327566081	0.441799226	0.561432484	0.676081023	0.775775405
28	0.290608298	0.400675294	0.518439282	0.636203270	0.740882371
29	0.257346294	0.362575180	0.477370328	0.596948608	0.705366248
30	0.227562212	0.327498885	0.438467528	0.558683558	0.669652202
31	0.201003411	0.295376383	0.401878796	0.521694010	0.634113224
32	0.177401228	0.266088219	0.367675136	0.486193206	0.599067558
33	0.156484485	0.239482122	0.335866474	0.452330900	0.564779312
34	0.137988829	0.215386033	0.306415700	0.420202783	0.531461264
35	0.121662856	0.193618070	0.279250720	0.389859561	0.499279059
36	0.107271814	0.173993921	0.254274531	0.361315344	0.468356157
37	0.094599539	0.156332186	0.231373430	0.334555140	0.438779090
38	0.083449143	0.140458077	0.210423587	0.309541393	0.410602685
39	0.073642924	0.126205844	0.191296167	0.286219556	0.383855041
40	0.065021118	0.113420244	0.173861259	0.264522781	0.358542138
41	0.057441789	0.101957293	0.157990795	0.244375776	0.334651973
42	0.050778538	0.091684485	0.143560662	0.225697943	0.312158238
43	0.044919614	0.082480647	0.130452166	0.208405884	0.291023499
44	0.039756423	0.074235542	0.118552980	0.192415377	0.271201934
45	0.035232186	0.066849302	0.107757707	0.177642898	0.252641639
46	0.031240656	0.060231766	0.097968129	0.164006763	0.235286559
47	0.027724943	0.054301766	0.089093244	0.151427976	0.219078071
48	0.024626426	0.048986402	0.081049136	0.139830816	0.203956285
49	0.021893776	0.044220320	0.073758726	0.129143238	0.189861073
50	0.019483370	0.039945024	0.067151451	0.119297103	0.176732893

P(U ≤ U') (CONTINUED)

M = 20

N \ U'	27	28	29	30	31
20	0.981837285	0.992517938	0.997095360	0.999057113	0.999711030
21	0.971919537	0.987549760	0.994806649	0.998155982	0.999384071
22	0.959219981	0.980711537	0.991457315	0.996720554	0.998825849
23	0.943698301	0.971798372	0.986851982	0.994593838	0.997948643
24	0.925433255	0.960686071	0.980830538	0.991622217	0.996658333
25	0.904602045	0.947332732	0.973276363	0.987665268	0.994859720
26	0.881456256	0.931773188	0.964119787	0.982603558	0.992461569
27	0.856297790	0.914108733	0.953337588	0.976343983	0.989380941
28	0.829456995	0.894494306	0.940949528	0.968822662	0.985546542
29	0.801274160	0.873124904	0.927012962	0.960005650	0.980901019
30	0.772084795	0.850222479	0.911616374	0.949887892	0.975402238
31	0.742208622	0.826024131	0.894872584	0.938490859	0.969023652
32	0.711941911	0.800772022	0.876912118	0.925859323	0.961753939
33	0.681552662	0.774705192	0.857877094	0.912057648	0.953596072
34	0.651278090	0.748053218	0.837915838	0.897165916	0.944565979
35	0.621323883	0.721031592	0.817178310	0.881276123	0.934690966
36	0.591864788	0.693838580	0.795812373	0.864488600	0.924007998
37	0.563046107	0.666653347	0.773960846	0.846908800	0.912561960
38	0.534985813	0.639835080	0.751759294	0.828644470	0.900403967
39	0.507777004	0.612922911	0.729334451	0.809803258	0.887589771
40	0.481490527	0.586636434	0.706803186	0.790490745	0.874178304
41	0.456177623	0.560876645	0.684271920	0.770808866	0.860230377
42	0.431872493	0.535727168	0.661836415	0.750854707	0.845807553
43	0.408594721	0.511255664	0.639581842	0.730719618	0.830971171
44	0.386351517	0.487515321	0.617583069	0.710488603	0.815781541
45	0.365139752	0.464546368	0.595905111	0.690239961	0.800297286
46	0.344947783	0.442377563	0.574603693	0.670045110	0.784574811
47	0.325757069	0.421027618	0.553725883	0.649968581	0.768667908
48	0.307543581	0.400506539	0.533310765	0.630068130	0.752627458
49	0.290279032	0.380816869	0.513390131	0.610394957	0.736501231
50	0.273931923	0.361954820	0.493989166	0.590993992	0.720333760

P(U ≤ U') (CONTINUED)

M = 20

N \ U'	32	33	34	35	36
20	0.999929003	0.999983496	0.999997119	0.999999523	0.999999947
21	0.999830649	0.999956249	0.999991138	0.999998321	0.999999770
22	0.999644575	0.999900427	0.999977182	0.999995243	0.999999226
23	0.999324973	0.999798086	0.999948622	0.999988470	0.999997846
24	0.998816669	0.999626045	0.999895837	0.999975187	0.999994792
25	0.998057255	0.999356253	0.999805906	0.999951382	0.999988724
26	0.996979285	0.998956561	0.999662539	0.999911707	0.999977663
27	0.995515980	0.998391779	0.999446239	0.999849415	0.999958874
28	0.993598780	0.997624899	0.999134694	0.999756374	0.999928773
29	0.991165411	0.996618370	0.998703324	0.999623157	0.999882875
30	0.988159411	0.995335321	0.998125952	0.999439191	0.999815781
31	0.984532372	0.993740674	0.997375530	0.999192958	0.999721207
32	0.980245105	0.991802084	0.996424876	0.998872236	0.999592048
33	0.975268293	0.989490688	0.995247372	0.998466342	0.999420470
34	0.969582679	0.986781661	0.993817607	0.997956400	0.999198037
35	0.963178883	0.983654573	0.992111923	0.997335581	0.998915847
36	0.956056904	0.980093583	0.990108867	0.996589344	0.998564677
37	0.948225404	0.976087470	0.987789538	0.995705643	0.998135138
38	0.939700835	0.971629540	0.985137838	0.994673107	0.997617823
39	0.930506468	0.966717431	0.982140619	0.993481199	0.997003449
40	0.920671392	0.961352844	0.978787752	0.992120329	0.996282989
41	0.910229501	0.955541208	0.975072116	0.990581955	0.995447787
42	0.899218528	0.949291317	0.970989526	0.988858639	0.994489662
43	0.887679120	0.942614946	0.966538612	0.986944092	0.993400998
44	0.875653997	0.935526452	0.961720651	0.984833180	0.992174807
45	0.863187186	0.928042395	0.956539381	0.982521927	0.990804788
46	0.850323342	0.920181158	0.951000782	0.980007487	0.989285367
47	0.837107159	0.911962591	0.945112854	0.977288108	0.987611720
48	0.823582859	0.903407685	0.938885385	0.974363085	0.985779785
49	0.809793766	0.894538259	0.932329723	0.971232700	0.983786266
50	0.795781958	0.885376693	0.925458548	0.967898159	0.981628621

P(U ≤ U') (CONTINUED)

M = 20

N \ U'	37	38	39	40
20	0.999999994	1.000000000	1.000000000	1.000000000
21	0.999999971	0.999999998	1.000000000	1.000000000
22	0.999999890	0.999999989	0.999999999	1.000000000
23	0.999999669	0.999999958	0.999999997	1.000000000
24	0.999999148	0.999999874	0.999999989	0.999999999
25	0.999998059	0.999999673	0.999999970	0.999999997
26	0.999995985	0.999999242	0.999999927	0.999999991
27	0.999992320	0.999998401	0.999999842	0.999999976
28	0.999986239	0.999996881	0.999999682	0.999999947
29	0.999976662	0.999994297	0.999999402	0.999999890
30	0.999962233	0.999990128	0.999998937	0.999999787
31	0.999941311	0.999983701	0.999998203	0.999999612
32	0.999911964	0.999974170	0.999997088	0.999999328
33	0.999871974	0.999960505	0.999995451	0.999998884
34	0.999818856	0.999941487	0.999993121	0.999998217
35	0.999749876	0.999915707	0.999989894	0.999997244
36	0.999662084	0.999881565	0.999985530	0.999995866
37	0.999552343	0.999837284	0.999979754	0.999993962
38	0.999417371	0.999780916	0.999972256	0.999991390
39	0.999253776	0.999710364	0.999962689	0.999987985
40	0.999058095	0.999623395	0.999950673	0.999983558
41	0.998826836	0.999517664	0.999935797	0.999977897
42	0.998556512	0.999390738	0.999917617	0.999970767
43	0.998243678	0.999240114	0.999895664	0.999961909
44	0.997884961	0.999063246	0.999869442	0.999951041
45	0.997477093	0.998857569	0.999838434	0.999937859
46	0.997016934	0.998620518	0.999802106	0.999922042
47	0.996501456	0.998349550	0.999759907	0.999903246
48	0.995927962	0.998042165	0.999711274	0.999881113
49	0.995293701	0.997695926	0.999655637	0.999855268
50	0.994596280	0.997308471	0.999592420	0.999825323

P(U ≤ U') (CONTINUED)

M = 21

N \ U'	2	3	4	5	6
21	0.000000000	0.000000000	0.000000002	0.000000016	0.000000150
22	0.000000000	0.000000000	0.000000001	0.000000009	0.000000084
23	0.000000000	0.000000000	0.000000000	0.000000005	0.000000048
24	0.000000000	0.000000000	0.000000000	0.000000003	0.000000028
25	0.000000000	0.000000000	0.000000000	0.000000002	0.000000017
26	0.000000000	0.000000000	0.000000000	0.000000001	0.000000010
27	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000004
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 21

N \ U'	7	8	9	10	11
21	0.000000955	0.000005784	0.000026306	0.000113529	0.000392640
22	0.000000552	0.000003435	0.000015045	0.000071170	0.000253084
23	0.000000325	0.000002069	0.000009920	0.000045139	0.000164884
24	0.000000194	0.000001264	0.000006213	0.000028951	0.000108533
25	0.000000117	0.000000782	0.000003939	0.000018768	0.000072153
26	0.000000072	0.000000490	0.000002527	0.000012292	0.000048426
27	0.000000045	0.000000310	0.000001639	0.000008131	0.000032801
28	0.000000028	0.000000199	0.000001074	0.000005429	0.000022413
29	0.000000018	0.000000129	0.000000711	0.000003658	0.000015446
30	0.000000012	0.000000084	0.000000476	0.000002486	0.000010731
31	0.000000008	0.000000056	0.000000321	0.000001704	0.000007513
32	0.000000005	0.000000037	0.000000218	0.000001177	0.000005300
33	0.000000003	0.000000025	0.000000150	0.000000820	0.000003766
34	0.000000002	0.000000017	0.000000104	0.000000575	0.000002695
35	0.000000001	0.000000012	0.000000072	0.000000406	0.000001941
36	0.000000001	0.000000008	0.000000051	0.000000289	0.000001407
37	0.000000001	0.000000006	0.000000036	0.000000207	0.000001026
38	0.000000000	0.000000004	0.000000026	0.000000149	0.000000753
39	0.000000000	0.000000003	0.000000018	0.000000108	0.000000556
40	0.000000000	0.000000002	0.000000013	0.000000079	0.000000413
41	0.000000000	0.000000001	0.000000010	0.000000058	0.000000308
42	0.000000000	0.000000001	0.000000007	0.000000043	0.000000231
43	0.000000000	0.000000001	0.000000005	0.000000032	0.000000174
44	0.000000000	0.000000001	0.000000004	0.000000024	0.000000132
45	0.000000000	0.000000000	0.000000003	0.000000018	0.000000100
46	0.000000000	0.000000000	0.000000002	0.000000013	0.000000077
47	0.000000000	0.000000000	0.000000002	0.000000010	0.000000059
48	0.000000000	0.000000000	0.000000001	0.000000008	0.000000045
49	0.000000000	0.000000000	0.000000001	0.000000006	0.000000035
50	0.000000000	0.000000000	0.000000001	0.000000004	0.000000027

P(U ≤ U') (CONTINUED)

M = 21

N \ U'	12	13	14	15	16
21	0.001285795	0.003518684	0.009100907	0.020265352	0.042594242
22	0.003852849	0.002402240	0.006403669	0.014683129	0.031819254
23	0.000570607	0.001652534	0.004526405	0.010684700	0.023822396
24	0.000385026	0.001145381	0.003219076	0.007810829	0.017883063
25	0.000261964	0.000799765	0.002302442	0.005737134	0.013465190
26	0.000179679	0.000562500	0.001656274	0.004234457	0.010172089
27	0.000124209	0.000398434	0.001198256	0.003140682	0.007711096
28	0.000086518	0.000284173	0.000871798	0.002340860	0.005866608
29	0.000060709	0.000204043	0.000637817	0.001753235	0.004479814
30	0.000042903	0.000147464	0.000469188	0.001319461	0.003433653
31	0.000030529	0.000107248	0.000346995	0.000997736	0.002641715
32	0.000021869	0.000078478	0.000257972	0.000757990	0.002040086
33	0.000015766	0.000057768	0.000192771	0.000578496	0.001581380
34	0.000011438	0.000042767	0.000144770	0.000443492	0.001230371
35	0.000008348	0.000031838	0.000109251	0.000341490	0.000960792
36	0.000006128	0.000023830	0.000082938	0.000264077	0.000753000
37	0.000004524	0.000017929	0.000063101	0.000205069	0.000592254
38	0.000003358	0.000013558	0.000048282	0.000159897	0.000467458
39	0.000002505	0.000010302	0.000037106	0.000125173	0.000370229
40	0.000001879	0.000007866	0.000028637	0.000098370	0.000294214
41	0.000001416	0.000006033	0.000022193	0.000077598	0.000234580
42	0.000001072	0.000004648	0.000017268	0.000061438	0.000187639
43	0.000000816	0.000003596	0.000013489	0.000048818	0.000150568
44	0.000000623	0.000002794	0.000010576	0.000038926	0.000121195
45	0.000000478	0.000002180	0.000008324	0.000031144	0.000097849
46	0.000000369	0.000001707	0.000006574	0.000025000	0.000079234
47	0.000000285	0.000001342	0.000005211	0.000020133	0.000064346
48	0.000000222	0.000001059	0.000004144	0.000016264	0.000052404
49	0.000000173	0.000000839	0.000003307	0.000013179	0.000042796
50	0.000000135	0.000000667	0.000002647	0.000010711	0.000035044

P(U ≤ U') (CONTINUED)

M = 21

N \ U'	17	18	19	20	21
21	0.078878688	0.137840912	0.216457212	0.321278945	0.436582852
22	0.060736465	0.109467320	0.177149062	0.271001079	0.378930898
23	0.046813363	0.086842280	0.144661826	0.227684764	0.327312289
24	0.036138986	0.068873744	0.117975881	0.190719789	0.281649673
25	0.027955296	0.054641240	0.096152709	0.159408281	0.241640524
26	0.021676250	0.043385717	0.078362080	0.133037773	0.206849960
27	0.016851924	0.034490866	0.063889102	0.110926280	0.176778328
28	0.013138463	0.027461814	0.052129808	0.092447388	0.150907881
29	0.010273793	0.021904354	0.042580907	0.077041829	0.128733211
30	0.008058448	0.017506242	0.034827199	0.064220339	0.109779704
31	0.006340667	0.014021129	0.028528670	0.053561288	0.093613478
32	0.005004934	0.011255155	0.023408361	0.044705409	0.079845537
33	0.003963231	0.009056003	0.019241548	0.037349182	0.068132161
34	0.003148387	0.007304089	0.015846366	0.031237856	0.058172962
35	0.002509048	0.005905536	0.013075898	0.026158664	0.049707643
36	0.002005865	0.004786615	0.010811573	0.021934573	0.042512122
37	0.001608615	0.003889378	0.008957740	0.018418682	0.036394472
38	0.001294027	0.003168225	0.007437231	0.015489341	0.031190954
39	0.001044134	0.002587224	0.006187766	0.013045942	0.026762294
40	0.000845026	0.002118014	0.005159040	0.011005354	0.022990297
41	0.000685902	0.001738170	0.004310381	0.009298911	0.019774824
42	0.000558355	0.001429930	0.003608869	0.007869905	0.017031133
43	0.000455816	0.001179192	0.003027819	0.006671489	0.014687563
44	0.000373145	0.000974739	0.002545568	0.005664946	0.012683544
45	0.000306301	0.000807630	0.002144506	0.004818258	0.010967887
46	0.000252103	0.000670720	0.001810287	0.004104924	0.009497323
47	0.000208039	0.000558290	0.001531209	0.003502992	0.008235273
48	0.000172115	0.000465748	0.001297708	0.002994254	0.007150792
49	0.000142752	0.000389404	0.001101953	0.002563593	0.006217691
50	0.000118689	0.000326279	0.000937519	0.002198440	0.005413790

P(U ≤ U') (CONTINUED)

M = 21

N \ U'	22	23	24	25	26
21	0.563417148	0.678721055	0.783542788	0.862159088	0.921121312
22	0.502815561	0.621069102	0.733691522	0.822850938	0.893239950
23	0.446035090	0.564757892	0.682499513	0.780617530	0.861564895
24	0.393675291	0.510792982	0.631151083	0.736464422	0.826732998
25	0.346012218	0.459872247	0.580632884	0.691330134	0.789448152
26	0.303079181	0.412430568	0.531722990	0.646044895	0.750425765
27	0.264737850	0.368690013	0.485000125	0.601310237	0.710350967
28	0.230736691	0.328708412	0.440864591	0.557693945	0.669850124
29	0.200756537	0.292422589	0.399564728	0.515635378	0.629473900
30	0.174446610	0.259684714	0.361224649	0.475457076	0.589689503
31	0.151438826	0.230291574	0.325870663	0.437379600	0.550879768
32	0.131384393	0.204007325	0.293454925	0.401537442	0.513346942
33	0.113944477	0.180580573	0.263875692	0.367994592	0.477319436
34	0.098806494	0.159756793	0.236994086	0.336758922	0.442960199
35	0.085685250	0.141287005	0.212647548	0.307794937	0.410375717
36	0.074323900	0.124933548	0.190660363	0.281034734	0.379624957
37	0.064493470	0.110473649	0.170851661	0.256387178	0.350727822
38	0.055991450	0.097701377	0.153041328	0.233745424	0.323672844
39	0.048639875	0.086428424	0.137054231	0.212992942	0.298423992
40	0.042283133	0.076484069	0.122723096	0.194008264	0.274926563
41	0.036785712	0.067714598	0.109890352	0.176668629	0.253112183
42	0.032029980	0.059982376	0.098409174	0.160852721	0.232902967
43	0.027914085	0.053164719	0.088143951	0.146442672	0.214214935
44	0.024350015	0.047152663	0.078970311	0.133325460	0.196960756
45	0.021261832	0.041849722	0.070774856	0.121393842	0.181051932
46	0.018584089	0.037170656	0.063454689	0.110546916	0.166400487
47	0.016260431	0.033040308	0.056916812	0.100690404	0.152920257
48	0.014242354	0.029392508	0.051077450	0.091736714	0.140527832
49	0.012488125	0.026169071	0.045861342	0.083604861	0.129143238
50	0.010961844	0.023318874	0.041201033	0.076220260	0.118690386

P(U ≤ U') (CONTINUED)

M = 21

N \ U'	27	28	29	30	31
21	0.957405758	0.979734648	0.990899093	0.996481316	0.998714205
22	0.939263535	0.969251754	0.985316871	0.993884933	0.997597760
23	0.917605378	0.955923657	0.977819816	0.990136406	0.995884148
24	0.892698496	0.939702252	0.968240246	0.985027302	0.993420830
25	0.864923550	0.920659228	0.956489307	0.978385467	0.990063419
26	0.834733391	0.898967772	0.942555388	0.970084408	0.985684187
27	0.802616200	0.874879879	0.926496792	0.960047786	0.980178383
28	0.769065206	0.848702730	0.908430873	0.948249635	0.973468184
29	0.734555612	0.820776505	0.888521492	0.934711256	0.965504431
30	0.699528375	0.791455062	0.866966269	0.919495804	0.956266479
31	0.664379936	0.761090138	0.843984597	0.902701505	0.945760572
32	0.629456807	0.730019198	0.819807046	0.884454297	0.934017190
33	0.595053884	0.698556695	0.794666449	0.864900499	0.921087740
34	0.561415470	0.666988338	0.768790746	0.844199937	0.907040930
35	0.528738154	0.635567842	0.742397529	0.822519795	0.891959091
36	0.497174838	0.604515672	0.715690107	0.800029334	0.875934638
37	0.466839384	0.574019288	0.688854899	0.776895534	0.859066793
38	0.437811494	0.544234477	0.662059923	0.753279623	0.841458666
39	0.410141518	0.515287426	0.635454177	0.729334451	0.823214726
40	0.383855041	0.487277245	0.609167700	0.705202604	0.804438671
41	0.358957103	0.460278737	0.583312149	0.681015153	0.785231690
42	0.335436010	0.434345224	0.557981741	0.656890954	0.765691090
43	0.313266703	0.409511337	0.533254437	0.632936379	0.745909247
44	0.292413699	0.385795672	0.509193279	0.609245393	0.725972858
45	0.272833608	0.363203259	0.485847786	0.585899899	0.705962436
46	0.254477273	0.341727822	0.463255373	0.562970286	0.685952013
47	0.237291559	0.321353808	0.441442736	0.540516101	0.666009030
48	0.221220835	0.302058189	0.420427173	0.518586819	0.646194357
49	0.206208183	0.283812044	0.400217835	0.497222660	0.626562428
50	0.192196375	0.266581922	0.380816869	0.476455430	0.607161463

P(U ≤ U') (CONTINUED)

M = 21

N \ U'	32	33	34	35	36
21	0.999607360	0.999886471	0.999973694	0.999994216	0.999999045
22	0.999197132	0.999746916	0.999934342	0.999983955	0.999996926
23	0.998511687	0.999497014	0.999856248	0.999961905	0.999991737
24	0.997449723	0.999086461	0.999715976	0.999919642	0.999980633
25	0.995902394	0.998456946	0.999483329	0.999845582	0.999959229
26	0.993759366	0.997544606	0.999121790	0.999724831	0.999921296
27	0.990914701	0.996282860	0.998589490	0.999539280	0.999858536
28	0.987272021	0.994605310	0.997840584	0.999267911	0.999760479
29	0.982748610	0.992448460	0.996826865	0.998887291	0.999614500
30	0.977278293	0.989754057	0.995499475	0.998372184	0.999405962
31	0.970813119	0.986470961	0.993810575	0.997696253	0.999118462
32	0.963323944	0.982556501	0.991714861	0.996832769	0.998734159
33	0.954800084	0.977977321	0.989170872	0.995755315	0.998234164
34	0.945248253	0.972709767	0.986142029	0.994438426	0.997598959
35	0.934690966	0.966739873	0.982597404	0.992858160	0.996808825
36	0.923164605	0.960063017	0.978512223	0.990992568	0.995844262
37	0.910717299	0.952683335	0.973868113	0.988822073	0.994686372
38	0.897406749	0.944612943	0.968653135	0.986329747	0.993317207
39	0.883298102	0.935871055	0.962861634	0.983501489	0.991720073
40	0.868461940	0.926483028	0.956493935	0.980326126	0.989879772
41	0.852972460	0.916479392	0.949555930	0.976795431	0.987782793
42	0.836905723	0.905864900	0.942058581	0.972904074	0.985417459
43	0.820338430	0.894767613	0.934017378	0.968649523	0.982774006
44	0.803346493	0.883138054	0.925451760	0.964031904	0.979844639
45	0.786004127	0.871048423	0.916384537	0.959053821	0.976623526
46	0.768383008	0.858541909	0.906841320	0.953720160	0.973106775
47	0.750551635	0.845662066	0.896849971	0.948037877	0.969292370
48	0.732574845	0.832452284	0.886440089	0.942015770	0.965180088
49	0.714513470	0.818955333	0.875642528	0.935664264	0.960771395
50	0.696424120	0.805212982	0.864488965	0.928995182	0.956069333

P(U ≤ U') (CONTINUED)

M = 21

N \ U'	37	38	39	40	41
21	0.999999850	0.999999984	0.999999998	1.000000000	1.000000000
22	0.999999448	0.999999928	0.999999991	0.999999999	1.000000000
23	0.999998367	0.999999748	0.999999966	0.999999997	1.000000000
24	0.999995881	0.999999269	0.999999893	0.999999987	0.999999999
25	0.999990798	0.999998164	0.999999715	0.999999960	0.999999997
26	0.999981328	0.999995881	0.999999327	0.999999892	0.999999991
27	0.999964955	0.999991560	0.999998561	0.999999741	0.999999976
28	0.999938351	0.999983959	0.999997161	0.999999435	0.999999947
29	0.999897303	0.999971371	0.999994761	0.999998864	0.999999890
30	0.999836703	0.999951567	0.999990862	0.999997862	0.999999787
31	0.999750555	0.999921746	0.999984817	0.999996198	0.999999612
32	0.999632037	0.999878514	0.999975807	0.999993559	0.999999328
33	0.999473588	0.999817873	0.999962834	0.999989538	0.999998884
34	0.999267017	0.999735244	0.999944714	0.999983625	0.999998217
35	0.999003640	0.999625504	0.999920071	0.999975194	0.999997244
36	0.998674417	0.999483033	0.999887341	0.999963499	0.999995866
37	0.998270110	0.999301792	0.999844782	0.999947665	0.999993962
38	0.997781418	0.999075392	0.999790483	0.999926691	0.999991390
39	0.997199130	0.998797188	0.999722379	0.999899449	0.999987985
40	0.996514248	0.998460361	0.999638271	0.999864689	0.999983558
41	0.995718110	0.998058012	0.999535844	0.999821040	0.999977897
42	0.994802457	0.997583249	0.999412691	0.999767025	0.999970767
43	0.993759715	0.997029271	0.999266336	0.999701069	0.999961909
44	0.992582675	0.996389444	0.999094254	0.999621507	0.999951041
45	0.991264947	0.995657373	0.998893898	0.999526602	0.999937859
46	0.989800805	0.994826964	0.998662717	0.999414553	0.999922042
47	0.988185254	0.993892479	0.998398183	0.999283514	0.999903246
48	0.986414046	0.992848578	0.998097802	0.999131605	0.999881113
49	0.984483686	0.991690363	0.997759143	0.998956928	0.999855268
50	0.982391425	0.990413396	0.997379844	0.998757579	0.999825323

P(U ≤ U') (CONTINUED)

M = 21

N \ U'	42
21	1.000000000
.	.
.	.
25	1.000000000
26	0.999999999
27	0.999999997
28	0.999999992
29	0.999999982
30	0.999999962
31	0.999999925
32	0.999999861
33	0.999999752
34	0.999999578
35	0.999999311
36	0.999998912
37	0.999998334
38	0.999997519
39	0.999996395
40	0.999994879
41	0.999992870
42	0.999990256
43	0.999986906
44	0.999982676
45	0.999977403
46	0.999970911
47	0.999963006
48	0.999953479
49	0.999942107
50	0.999928653

P(U ≤ U') (CONTINUED)

M = 22

N \ U'	2	3	4	5	6
22	0.000000000	0.000000000	0.000000000	0.000000005	0.000000047
23	0.000000000	0.000000000	0.000000000	0.000000003	0.000000026
24	0.000000000	0.000000000	0.000000000	0.000000001	0.000000015
25	0.000000000	0.000000000	0.000000000	0.000000001	0.000000009
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000005
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 22

N \ U'	7	8	9	10	11
22	0.000000312	0.000001993	0.000009560	0.000043608	0.000159371
23	0.000000179	0.000001174	0.000005777	0.000027046	0.000101489
24	0.000000105	0.000000702	0.000003538	0.000016971	0.000065331
25	0.000000062	0.000000425	0.000002194	0.000010769	0.000042494
26	0.000000037	0.000000261	0.000001378	0.000006907	0.000027918
27	0.000000023	0.000000162	0.000000875	0.000004476	0.000018518
28	0.000000014	0.000000102	0.000000562	0.000002929	0.000012397
29	0.000000009	0.000000065	0.000000365	0.000001935	0.000008373
30	0.000000006	0.000000041	0.000000239	0.000001290	0.000005704
31	0.000000004	0.000000027	0.000000158	0.000000867	0.000003917
32	0.000000002	0.000000018	0.000000106	0.000000588	0.000002711
33	0.000000001	0.000000012	0.000000071	0.000000402	0.000001891
34	0.000000001	0.000000008	0.000000048	0.000000277	0.000001329
35	0.000000001	0.000000005	0.000000033	0.000000192	0.000000940
36	0.000000000	0.000000004	0.000000023	0.000000134	0.000000670
37	0.000000000	0.000000002	0.000000016	0.000000095	0.000000480
38	0.000000000	0.000000002	0.000000011	0.000000067	0.000000346
39	0.000000000	0.000000001	0.000000008	0.000000048	0.000000251
40	0.000000000	0.000000001	0.000000006	0.000000034	0.000000183
41	0.000000000	0.000000001	0.000000004	0.000000025	0.000000135
42	0.000000000	0.000000000	0.000000003	0.000000018	0.000000099
43	0.000000000	0.000000000	0.000000002	0.000000013	0.000000074
44	0.000000000	0.000000000	0.000000002	0.000000010	0.000000055
45	0.000000000	0.000000000	0.000000001	0.000000007	0.000000041
46	0.000000000	0.000000000	0.000000001	0.000000005	0.000000031
47	0.000000000	0.000000000	0.000000001	0.000000004	0.000000023
48	0.000000000	0.000000000	0.000000000	0.000000003	0.000000018
49	0.000000000	0.000000000	0.000000000	0.000000002	0.000000014
50	0.000000000	0.000000000	0.000000000	0.000000002	0.000000010

P(U ≤ U') (CONTINUED)

M = 22

N \ U'	12	13	14	15	16
22	0.000552966	0.001602554	0.004401454	0.010399098	0.023251192
23	0.000361828	0.001077760	0.003044765	0.007400276	0.017034586
24	0.000238890	0.000730642	0.002119116	0.005292771	0.012518504
25	0.000159108	0.000499229	0.001483963	0.003805120	0.009231202
26	0.000106875	0.000343745	0.001045584	0.002750049	0.006832170
27	0.000072384	0.000238469	0.000741215	0.001998079	0.005076113
28	0.000049417	0.000166649	0.000528625	0.001459423	0.003786416
29	0.000034000	0.000117288	0.000379253	0.001071591	0.002835847
30	0.000023569	0.000083119	0.000273679	0.000790913	0.002132612
31	0.000016456	0.000059299	0.000198623	0.000586742	0.001610351
32	0.000011571	0.000042580	0.000144957	0.000437465	0.001220969
33	0.000008191	0.000030767	0.000106369	0.000327775	0.000929506
34	0.000005837	0.000022367	0.000078468	0.000246773	0.000710469
35	0.000004185	0.000016356	0.000058186	0.000186664	0.000545208
36	0.000003020	0.000012029	0.000043364	0.000141846	0.000420026
37	0.000002192	0.000008895	0.000032476	0.000108273	0.000324834
38	0.000001600	0.000006613	0.000024438	0.000083007	0.000252165
39	0.000001174	0.000004942	0.000018475	0.000063909	0.000196480
40	0.000000866	0.000003712	0.000014030	0.000049409	0.000153648
41	0.000000643	0.000002801	0.000010701	0.000038353	0.000120581
42	0.000000479	0.000002124	0.000008197	0.000029888	0.000094961
43	0.000000359	0.000001618	0.000006305	0.000023381	0.000075038
44	0.000000270	0.000001238	0.000004869	0.000018359	0.000059493
45	0.000000204	0.000000951	0.000003775	0.000014468	0.000047322
46	0.000000155	0.000000734	0.000002938	0.000011441	0.000037761
47	0.000000118	0.000000568	0.000002295	0.000009079	0.000030225
48	0.000000091	0.000000442	0.000001799	0.000007229	0.000024266
49	0.000000070	0.000000345	0.000001416	0.000005775	0.000019540
50	0.000000054	0.000000270	0.000001118	0.000004628	0.000015780

P(≤ U') (CONTINUED)

M = 22

N \ U'	17	18	19	20	21
22	0.045742355	0.085101892	0.141954556	0.224075071	0.322619688
23	0.034496774	0.066109354	0.113528224	0.184558960	0.273347380
24	0.026066752	0.051356816	0.090696916	0.151580404	0.230728938
25	0.019744236	0.039922479	0.072431870	0.124247604	0.194198845
26	0.014996414	0.031069769	0.057858695	0.101713157	0.163109405
27	0.011424558	0.024217636	0.046250160	0.083207943	0.136796727
28	0.008731278	0.018911875	0.037010715	0.068055252	0.114622058
29	0.006695159	0.014799712	0.029658061	0.055672679	0.095995335
30	0.005151434	0.011608359	0.023804772	0.045567000	0.080386565
31	0.003977448	0.009127482	0.019141438	0.037325510	0.067329228
32	0.003081790	0.007195182	0.015421968	0.030605975	0.056418785
33	0.002396224	0.005686938	0.012451185	0.025126529	0.047308381
34	0.001869710	0.004506982	0.010074558	0.020656207	0.039703175
35	0.001463975	0.003581623	0.008169861	0.017006466	0.033354185
36	0.001150250	0.002854105	0.006640448	0.014023819	0.028052222
37	0.000906842	0.002280652	0.005409887	0.011583552	0.023622200
38	0.000717351	0.001827453	0.004417690	0.009584460	0.019918001
39	0.000569337	0.001468338	0.003615950	0.007944471	0.016817939
40	0.000453337	0.001183015	0.002966672	0.006597044	0.014220826
41	0.000362128	0.000955715	0.002439682	0.005488229	0.012042603
42	0.000290178	0.000774154	0.002010981	0.004574260	0.010213475
43	0.000233239	0.000628742	0.001661443	0.003819616	0.008675507
44	0.000188039	0.000511974	0.001375802	0.003195439	0.007380603
45	0.000152046	0.000417963	0.001141849	0.002678258	0.006288821
46	0.000123298	0.000342078	0.000949797	0.002248967	0.005366975
47	0.000100269	0.000280666	0.000791790	0.001891988	0.004587473
48	0.000081767	0.000230842	0.000661504	0.001594604	0.003927355
49	0.000066859	0.000190319	0.000553838	0.001346417	0.003367494
50	0.000054814	0.000157279	0.000464673	0.001138916	0.002891947

P(U ≤ U') (CONTINUED)

M = 22

N \ U'	22	23	24	25	26
22	0.440873229	0.559126771	0.677380312	0.775924929	0.858045444
23	0.364155327	0.500000000	0.620881398	0.726652620	0.818992577
24	0.333013198	0.444596026	0.565477424	0.676285371	0.777019869
25	0.287467167	0.393453896	0.512159033	0.625918122	0.733082482
26	0.247309973	0.346819735	0.461638692	0.576457649	0.688087190
27	0.212190603	0.304719451	0.414383271	0.528616417	0.642849563
28	0.181678258	0.267022513	0.370654823	0.482923159	0.598070169
29	0.155308663	0.233494413	0.330552586	0.439743030	0.554325594
30	0.132615912	0.203837749	0.294052076	0.399302124	0.512070033
31	0.113153089	0.177723076	0.261039187	0.361712821	0.471643802
32	0.096504561	0.154811145	0.231338536	0.326997775	0.433285818
33	0.082292332	0.134768257	0.204736157	0.295111362	0.397147884
34	0.070178324	0.117276282	0.180997048	0.265958070	0.363309241
35	0.059864001	0.102038707	0.159878305	0.239407751	0.331790441
36	0.051088338	0.088783800	0.141138607	0.215307919	0.302565932
37	0.043624877	0.077265742	0.124544795	0.193493415	0.275575106
38	0.037278348	0.067264404	0.109876166	0.173793810	0.250731714
39	0.031881191	0.058584230	0.096927054	0.156038909	0.227931705
40	0.027290166	0.051052603	0.085508137	0.140062732	0.207059603
41	0.023383194	0.044517933	0.075446819	0.125706259	0.187993600
42	0.020056468	0.038847637	0.066586982	0.112819224	0.170609525
43	0.017221876	0.033926141	0.058788303	0.101261163	0.154783873
44	0.014804721	0.029652957	0.051925310	0.090901929	0.140396048
45	0.012741742	0.025940898	0.045886289	0.081621782	0.127329970
46	0.010979389	0.022714437	0.040572119	0.073311202	0.115475172
47	0.009472352	0.019908230	0.035895107	0.065870501	0.104727494
48	0.008182292	0.017465791	0.031777852	0.059209303	0.094989456
49	0.007076765	0.015338322	0.028152166	0.053245944	0.086170404
50	0.006128312	0.013483687	0.024953072	0.047906842	0.078186469

P(U ≤ U') (CONTINUED)

M = 22

N \ U'	27	28	29	30	31
22	0.914898108	0.954257645	0.976748808	0.989600902	0.995598546
23	0.886471776	0.935646901	0.965503226	0.983567558	0.992599724
24	0.854507945	0.913518095	0.951453191	0.975538966	0.988384713
25	0.819638311	0.888122044	0.934593148	0.965340946	0.982764699
26	0.782542956	0.859824946	0.915026367	0.952878771	0.975590213
27	0.743901961	0.829069868	0.892945799	0.938136933	0.966757985
28	0.704359718	0.796341058	0.868612111	0.921172877	0.956213387
29	0.664501137	0.762133618	0.842331728	0.902106716	0.943949208
30	0.624837942	0.726929599	0.814436733	0.881108836	0.930001711
31	0.585802896	0.691180522	0.785267688	0.858386858	0.914444887
32	0.547749865	0.655295755	0.755159795	0.834173102	0.897383748
33	0.510957850	0.619635802	0.724432398	0.808713259	0.878947309
34	0.475637516	0.584509535	0.693281555	0.782256673	0.859281775
35	0.441939033	0.550174374	0.662275264	0.755048413	0.838544248
36	0.409960410	0.516838568	0.631350880	0.727323104	0.816897179
37	0.379755713	0.484664856	0.600814264	0.699300398	0.794503661
38	0.351342820	0.453774941	0.570840223	0.671181893	0.771523563
39	0.324710468	0.424254340	0.541573903	0.643149281	0.748110506
40	0.299824501	0.396157279	0.513132796	0.615363500	0.724409585
41	0.276633276	0.369511440	0.485609145	0.587964673	0.700555754
42	0.255072274	0.344322385	0.459072527	0.561072654	0.676672797
43	0.235067939	0.320577594	0.433572495	0.534788006	0.652872768
44	0.216540847	0.298250073	0.409141165	0.509193279	0.629255815
45	0.199408267	0.277301511	0.385795672	0.484354471	0.605910322
46	0.183586202	0.257685014	0.363540460	0.460322581	0.582913269
47	0.168990981	0.239347429	0.342369370	0.437135198	0.560330774
48	0.155540484	0.222231302	0.322267528	0.414818051	0.538218748
49	0.143155046	0.206276496	0.303213009	0.393386509	0.516623626
50	0.131758118	0.191421525	0.285178309	0.372846989	0.495583142

P(U ≤ U') (CONTINUED)

M = 22

N \ U'	32	33	34	35	36
22	0.998397446	0.999447034	0.999840629	0.999956392	0.999990440
23	0.997095735	0.998922240	0.999659867	0.999898511	0.999975081
24	0.995128730	0.998079238	0.999343741	0.999790036	0.999943177
25	0.992330681	0.996814734	0.998832559	0.999604080	0.999883363
26	0.988544146	0.995021113	0.998057191	0.999307341	0.999780087
27	0.983629342	0.992592250	0.996941897	0.998860859	0.999613393
28	0.977471297	0.989428871	0.995407658	0.998221205	0.999359036
29	0.969984537	0.985443013	0.993375652	0.997341971	0.998988886
30	0.961115359	0.980561389	0.990770554	0.996175407	0.998471586
31	0.950841985	0.974727580	0.987523434	0.994674059	0.997773401
32	0.939173008	0.967903124	0.983574097	0.992792316	0.996859177
33	0.926144591	0.960067638	0.978872805	0.990487761	0.995693343
34	0.911816845	0.951218147	0.973381380	0.987722295	0.994240893
35	0.896269763	0.941367822	0.967073715	0.984462996	0.992468292
36	0.879599032	0.930544288	0.959935781	0.980682718	0.990344281
37	0.861911948	0.918787690	0.951965207	0.976360439	0.987840549
38	0.843323602	0.906148636	0.943170532	0.971481393	0.984932254
39	0.823953456	0.892686129	0.933570219	0.966036996	0.981598415
40	0.803922354	0.878465576	0.923191509	0.960024630	0.977822147
41	0.783350003	0.863556932	0.912069187	0.953447287	0.973590784
42	0.762352904	0.848033310	0.900244325	0.946313132	0.968895881
43	0.741042723	0.831967990	0.887763040	0.938634997	0.963733117
44	0.719525056	0.815436123	0.874675312	0.930429843	0.958102129
45	0.697898534	0.798510641	0.861033879	0.921718198	0.952006271
46	0.676254249	0.781262851	0.846893227	0.912523604	0.945452339
47	0.654675420	0.763761417	0.832308699	0.902872078	0.938450252
48	0.633237284	0.746071796	0.817335699	0.892791595	0.931012719
49	0.612007150	0.728255821	0.802029015	0.882311610	0.923154901
50	0.591044594	0.710371410	0.786442254	0.871462610	0.914894061

P(U ≤ U') (CONTINUED)

M = 22

N \ U'	37	38	39	40	41
22	0.999998007	0.999999688	0.999999953	0.999999995	1.000000000
23	0.999994223	0.999998950	0.999999821	0.999999978	0.999999997
24	0.999985716	0.999997059	0.999999448	0.999999919	0.999999990
25	0.999968700	0.999992836	0.999998552	0.999999755	0.999999966
26	0.999937669	0.999984359	0.999996647	0.999999363	0.999999906
27	0.999885141	0.999968756	0.999992960	0.999998519	0.999999770
28	0.999801526	0.999941999	0.999986359	0.999996866	0.999999492
29	0.999675101	0.999698756	0.999975269	0.999993856	0.999998967
30	0.999492110	0.999832285	0.999957612	0.999988709	0.999998037
31	0.999236979	0.999734404	0.999930756	0.999980361	0.999996483
32	0.998892608	0.999595522	0.999891486	0.999967424	0.999994002
33	0.998440734	0.999404731	0.999835993	0.999948148	0.999990206
34	0.997862336	0.999149960	0.999759888	0.999920395	0.999984598
35	0.997138048	0.998818171	0.999658233	0.999881629	0.999976572
36	0.996248570	0.998395584	0.999525592	0.999828910	0.999965403
37	0.995175063	0.997867928	0.999356091	0.999758902	0.999950237
38	0.993909495	0.997220696	0.999143496	0.999667896	0.999930096
39	0.992404955	0.996439397	0.998881296	0.999551840	0.999903876
40	0.990675909	0.995509802	0.998562788	0.999406376	0.999870349
41	0.988698407	0.994418165	0.998181164	0.999226882	0.999828170
42	0.986460241	0.993151425	0.997729604	0.999008529	0.999775884
43	0.983951046	0.991697379	0.997201353	0.998746328	0.999711937
44	0.981162366	0.990044828	0.996589800	0.998435187	0.999634689
45	0.978087668	0.988183693	0.995888553	0.998069966	0.999542419
46	0.974722327	0.986105099	0.995091499	0.997645528	0.999433349
47	0.971063578	0.983801443	0.994152859	0.997156794	0.999305647
48	0.967110448	0.981266420	0.993187238	0.996598788	0.999157451
49	0.962863656	0.978495039	0.992069661	0.995966682	0.998986873
50	0.958325513	0.975483617	0.990835605	0.995255837	0.998792022

P(U ≤ U') (CONTINUED)

M = 22

N \ U'	42	43	44
22	1.000000000	1.000000000	1.000000000
23	1.000000000	1.000000000	1.000000000
24	0.999999999	1.000000000	1.000000000
25	0.999999996	1.000000000	1.000000000
26	0.999999987	0.999999999	1.000000000
27	0.999999965	0.999999997	1.000000000
28	0.999999912	0.999999992	0.999999999
29	0.999999803	0.999999982	0.999999998
30	0.999999592	0.999999962	0.999999994
31	0.999999211	0.999999925	0.999999987
32	0.999998559	0.999999861	0.999999974
33	0.999997496	0.999999752	0.999999950
34	0.999995833	0.999999578	0.999999910
35	0.999993327	0.999999311	0.999999843
36	0.999989668	0.999998912	0.999999737
37	0.999984476	0.999998334	0.999999577
38	0.999977292	0.999997519	0.999999338
39	0.999967578	0.999996395	0.999998995
40	0.999954708	0.999994879	0.999998513
41	0.999937970	0.999992870	0.999997850
42	0.999916565	0.999990256	0.999996955
43	0.999889610	0.999986906	0.999995770
44	0.999856135	0.999982676	0.999994225
45	0.999815096	0.999977403	0.999992243
46	0.999765373	0.999970911	0.999989733
47	0.999705779	0.999963006	0.999986596
48	0.999635068	0.999953479	0.999982721
49	0.999551941	0.999942107	0.999977984
50	0.999455057	0.999928653	0.999972254

P(U ≤ U') (CONTINUED)

M = 23

N \ U'	2	3	4	5	6
23	0.000000000	0.000000000	0.000000000	0.000000001	0.000000014
24	0.000000000	0.000000000	0.000000000	0.000000001	0.000000008
25	0.000000000	0.000000000	0.000000000	0.000000000	0.000000005
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 23

N \ U'	7	8	9	10	11
23	0.000000101	0.000000677	0.000003413	0.000016411	0.000063204
24	0.000000058	0.000000396	0.000002045	0.000010080	0.000039808
25	0.000000033	0.000000235	0.000001242	0.000006263	0.000025345
26	0.000000020	0.000000141	0.000000763	0.000003935	0.000016306
27	0.000000012	0.000000086	0.000000475	0.000002499	0.000010597
28	0.000000007	0.000000053	0.000000299	0.000001604	0.000006953
29	0.000000004	0.000000033	0.000000190	0.000001039	0.000004604
30	0.000000003	0.000000021	0.000000122	0.000000680	0.000003076
31	0.000000002	0.000000013	0.000000079	0.000000449	0.000002073
32	0.000000001	0.000000008	0.000000052	0.000000299	0.000001409
33	0.000000001	0.000000006	0.000000034	0.000000201	0.000000965
34	0.000000000	0.000000004	0.000000023	0.000000136	0.000000666
35	0.000000000	0.000000002	0.000000015	0.000000093	0.000000463
36	0.000000000	0.000000002	0.000000010	0.000000064	0.000000324
37	0.000000000	0.000000001	0.000000007	0.000000044	0.000000228
38	0.000000000	0.000000001	0.000000005	0.000000031	0.000000162
39	0.000000000	0.000000000	0.000000003	0.000000022	0.000000116
40	0.000000000	0.000000000	0.000000002	0.000000015	0.000000083
41	0.000000000	0.000000000	0.000000002	0.000000011	0.000000060
42	0.000000000	0.000000000	0.000000001	0.000000008	0.000000044
43	0.000000000	0.000000000	0.000000001	0.000000006	0.000000032
44	0.000000000	0.000000000	0.000000001	0.000000004	0.000000023
45	0.000000000	0.000000000	0.000000000	0.000000003	0.000000017
46	0.000000000	0.000000000	0.000000000	0.000000002	0.000000013
47	0.000000000	0.000000000	0.000000000	0.000000002	0.000000010
48	0.000000000	0.000000000	0.000000000	0.000000001	0.000000007
49	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
50	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004

P(U ≤ U') (CONTINUED)

M = 23

N \ U'	12	13	14	15	16
23	0.000231659	0.000708947	0.002061263	0.005152271	0.012217431
24	0.000149721	0.000470303	0.001404569	0.003606767	0.008792895
25	0.000097657	0.000314592	0.000963388	0.002539034	0.006352364
26	0.000064268	0.000212150	0.000665123	0.001797553	0.004607831
27	0.000042663	0.000144205	0.000462191	0.001279871	0.003356518
28	0.000028559	0.000098778	0.000323239	0.000916458	0.002455619
29	0.000019273	0.000068170	0.000227490	0.000659931	0.001804436
30	0.000013109	0.000047389	0.000161096	0.000477850	0.001331812
31	0.000008985	0.000033175	0.000114771	0.000347900	0.000987340
32	0.000006203	0.000023384	0.000082251	0.000254648	0.000735197
33	0.000004313	0.000016592	0.000059286	0.000187371	0.000549842
34	0.000003020	0.000011848	0.000042974	0.000138577	0.000412998
35	0.000002128	0.000008513	0.000031321	0.000103004	0.000311536
36	0.000001510	0.000006153	0.000022949	0.000076937	0.000235987
37	0.000001077	0.000004474	0.000016903	0.000057742	0.000179497
38	0.000000774	0.000003271	0.000012512	0.000043537	0.000137082
39	0.000000559	0.000002404	0.000009307	0.000032975	0.000105105
40	0.000000406	0.000001777	0.000006957	0.000025086	0.000080901
41	0.000000296	0.000001320	0.000005224	0.000019166	0.000062507
42	0.000000217	0.000000985	0.000003940	0.000014705	0.000048475
43	0.000000160	0.000000739	0.000002985	0.000011327	0.000037730
44	0.000000119	0.000000557	0.000002271	0.000008761	0.000029471
45	0.000000089	0.000000421	0.000001735	0.000006801	0.000023100
46	0.000000066	0.000000320	0.000001331	0.000005300	0.000018167
47	0.000000050	0.000000245	0.000001025	0.000004146	0.000014336
48	0.000000038	0.000000188	0.000000792	0.000003254	0.000011349
49	0.000000029	0.000000144	0.000000615	0.000002563	0.000009012
50	0.000000022	0.000000112	0.000000479	0.000002025	0.000007179

P(U ≤ U') (CONTINUED)

M = 23

N \ U'	17	18	19	20	21
23	0.025464608	0.050303064	0.088940662	0.149043592	0.227177401
24	0.018841020	0.038289002	0.069621863	0.120042558	0.188110497
25	0.013979024	0.029172760	0.054495654	0.096512900	0.155337045
26	0.010404027	0.022259884	0.042678304	0.077514031	0.128025835
27	0.007769392	0.017016961	0.033457082	0.062227294	0.105382612
28	0.005822536	0.013037357	0.026264529	0.049957645	0.086681974
29	0.004379572	0.010012682	0.020653001	0.040125481	0.071281449
30	0.003306598	0.007709838	0.016271693	0.032253823	0.058624337
31	0.002506009	0.005952990	0.012846951	0.025953989	0.048235953
32	0.001906534	0.004609621	0.010165966	0.020911571	0.039716378
33	0.001456020	0.003579874	0.008063565	0.016873626	0.032731735
34	0.001116203	0.002788459	0.006411679	0.013637474	0.027005196
35	0.000858933	0.002178551	0.005111036	0.011041171	0.022308429
36	0.000663434	0.001707200	0.004084666	0.008955573	0.018453841
37	0.000514325	0.001341842	0.003272848	0.007277816	0.015287752
38	0.000400179	0.001057921	0.002629193	0.005926022	0.012684523
39	0.000312480	0.000836552	0.002117616	0.004835025	0.010541583
40	0.000244858	0.000663471	0.001710005	0.003952945	0.008775268
41	0.000192531	0.000527749	0.001384417	0.003238460	0.007317356
42	0.000151899	0.000421011	0.001123692	0.002658626	0.006112228
43	0.000120239	0.000336823	0.000914382	0.002187152	0.005114521
44	0.000095486	0.000270232	0.000745928	0.001803030	0.004287221
45	0.000076070	0.000217408	0.000610014	0.001489453	0.003600104
46	0.000060790	0.000175389	0.000500085	0.001232950	0.003028469
47	0.000048727	0.000141871	0.000410952	0.001022711	0.002552107
48	0.000039174	0.000115061	0.000338507	0.000850044	0.002154464
49	0.000031585	0.000093560	0.000279484	0.000707951	0.001821965
50	0.000025539	0.000076270	0.000231281	0.000590783	0.001543461

P(U ≤ U') (CONTINUED)

M = 23

N \ U'	22	23	24	25	26
23	0.328751353	0.439559301	0.560440699	0.671248647	0.772822599
24	0.279876162	0.384155327	0.502464780	0.615844673	0.724295005
25	0.237270675	0.334101328	0.447860417	0.561619507	0.674588602
26	0.200484147	0.289410257	0.397199482	0.509479924	0.624754512
27	0.168964781	0.249887541	0.350778256	0.460076529	0.575680473
28	0.142123865	0.215206358	0.308678638	0.413834952	0.528078849
29	0.119378474	0.184965327	0.270824479	0.370993491	0.482491140
30	0.100177874	0.158730586	0.237029813	0.331641379	0.439302817
31	0.084018165	0.136065020	0.207038004	0.295754233	0.398763633
32	0.070448807	0.116547450	0.180552177	0.263224949	0.361009949
33	0.059073817	0.099784307	0.157257939	0.233889449	0.326086735
34	0.049549678	0.085415899	0.136839675	0.207547368	0.293967881
35	0.041581370	0.073118909	0.118991693	0.183978137	0.264574070
36	0.034917505	0.062606396	0.103425398	0.162953111	0.237787949
37	0.029345188	0.053626215	0.089873489	0.144244401	0.213466627
38	0.024684981	0.045958522	0.078091982	0.127631067	0.191451689
39	0.020786215	0.039412817	0.067860719	0.112903231	0.171577029
40	0.017522736	0.033824837	0.058982845	0.099864609	0.153674794
41	0.014789152	0.029053490	0.051283627	0.088333855	0.137579784
42	0.012497554	0.024977965	0.044608886	0.078145043	0.123132570
43	0.010574700	0.021495060	0.038823233	0.069147537	0.110181615
44	0.008959613	0.018516780	0.033808247	0.061205458	0.098584598
45	0.007601548	0.015968202	0.029460673	0.054196869	0.088209138
46	0.006458278	0.013785597	0.025690718	0.048012820	0.078933065
47	0.005494665	0.011914792	0.022420454	0.042556306	0.070644360
48	0.004681457	0.010309760	0.019582363	0.037741211	0.063240869
49	0.003994292	0.008931400	0.017118023	0.033491268	0.056629847
50	0.003412869	0.007746494	0.014976929	0.029739066	0.050727410

P(U ≤ U') (CONTINUED)

M = 23

N \ U'	27	28	29	30	31
23	0.850956408	0.911059338	0.949696936	0.974535392	0.987782569
24	0.811889503	0.882478477	0.930378137	0.962791441	0.981158980
25	0.770177837	0.850392580	0.907688824	0.948205455	0.972515433
26	0.726728185	0.815400945	0.881905514	0.930766015	0.961710998
27	0.682391805	0.778158386	0.853403556	0.910570341	0.948681531
28	0.637928750	0.739328659	0.822621441	0.887807096	0.933437055
29	0.593988790	0.699548695	0.790028613	0.862735690	0.916054214
30	0.551105078	0.659403566	0.756098644	0.835664879	0.896665660
31	0.509696833	0.619410987	0.721288416	0.806932627	0.875447997
32	0.470077833	0.580013632	0.686023152	0.776888455	0.852609540
33	0.432468218	0.541577432	0.650686645	0.745878867	0.828378793
34	0.397007724	0.504394160	0.615615827	0.714236023	0.802994200
35	0.363769065	0.468686847	0.581098758	0.682269477	0.776695481
36	0.332770629	0.434616859	0.547375185	0.650260662	0.749716623
37	0.303987999	0.402291751	0.514638896	0.618459696	0.722280496
38	0.277364066	0.371773270	0.483041262	0.587084059	0.694594949
39	0.252817672	0.343085054	0.452695446	0.556318716	0.666850203
40	0.230250827	0.316219762	0.423680930	0.526317312	0.639217331
41	0.209554602	0.291145489	0.396048059	0.497204107	0.611847630
42	0.190613860	0.267811392	0.369822416	0.469076386	0.584872683
43	0.173310965	0.246152523	0.345008924	0.442007121	0.558404958
44	0.157528628	0.226093915	0.321595566	0.416047748	0.532538772
45	0.143152035	0.207553966	0.299556723	0.391230900	0.507351524
46	0.130070393	0.190447203	0.278856103	0.367573048	0.482905077
47	0.118177991	0.174686503	0.259449271	0.345076965	0.459247224
48	0.107374893	0.160184837	0.241285821	0.323733998	0.436413173
49	0.097567332	0.146856613	0.224311196	0.303526111	0.414426992
50	0.088667879	0.134618692	0.208468213	0.284427721	0.393303015

P(U ≤ U') (CONTINUED)

M = 23

N \ U'	32	33	34	35	36
23	0.994847729	0.997938737	0.999291053	0.999768341	0.999936796
24	0.991531238	0.996393233	0.998662165	0.999529697	0.999859438
25	0.986921346	0.994124302	0.997669507	0.999129298	0.999718121
26	0.980820882	0.990973009	0.996198368	0.998503673	0.999480038
27	0.973072693	0.986792721	0.994129125	0.997591551	0.999104680
28	0.963567314	0.981457155	0.991343646	0.996286891	0.998541706
29	0.952246181	0.974866161	0.987731274	0.994542216	0.997747366
30	0.939100985	0.966949168	0.983193941	0.992271902	0.996656305
31	0.924170037	0.957666440	0.977650090	0.989405178	0.995213574
32	0.907532568	0.947008494	0.971037319	0.985878651	0.993361676
33	0.889301815	0.934994082	0.963313768	0.981638271	0.991045502
34	0.869617622	0.921667171	0.954458386	0.976640679	0.988214049
35	0.848639104	0.907093297	0.944470257	0.970853994	0.984821854
36	0.826537779	0.891355630	0.933367199	0.964258060	0.980830098
37	0.803491432	0.874551102	0.921183844	0.956844253	0.976207371
38	0.779678836	0.856786109	0.907969385	0.948614928	0.970930128
39	0.755275393	0.838174009	0.893785164	0.939582585	0.964982836
40	0.730449670	0.818830999	0.878702221	0.929768852	0.958357879
41	0.705360777	0.798873925	0.862798928	0.919203342	0.951055247
42	0.680156494	0.778417924	0.846158758	0.907922459	0.943082062
43	0.654972052	0.757574590	0.828868265	0.895968194	0.934451978
44	0.629929466	0.736450538	0.811015288	0.883386958	0.925184499
45	0.605137312	0.715146324	0.792687398	0.870228472	0.915304253
46	0.580690865	0.693755683	0.773970587	0.856544753	0.904840232
47	0.556672512	0.672365041	0.754948195	0.842389182	0.893825056
48	0.533152367	0.651053260	0.735700055	0.827815684	0.882294244
49	0.510189023	0.629891561	0.716301831	0.812878015	0.870285529
50	0.487830402	0.608943617	0.696824547	0.797629143	0.857838224

P(U ≤ U') (CONTINUED)

M = 23

N \ U'	37	38	39	40	41
23	0.999983589	0.999996587	0.999999323	0.999999899	0.999999986
24	0.999960192	0.999990724	0.999997955	0.999999646	0.999999942
25	0.999914395	0.999978002	0.999994741	0.999998970	0.999999816
26	0.999832614	0.999953153	0.999988046	0.999997395	0.999999498
27	0.999697008	0.999908553	0.999975357	0.999994109	0.999998797
28	0.999485462	0.999833890	0.999953089	0.999987836	0.999997391
29	0.999171877	0.999715961	0.999916413	0.999976699	0.999994785
30	0.998726717	0.999538643	0.999859141	0.999958101	0.999990263
31	0.998117772	0.999283037	0.999773675	0.999928613	0.999982841
32	0.997311051	0.998927753	0.999651015	0.999883892	0.999971221
33	0.996271742	0.998449341	0.999480836	0.999818635	0.999953755
34	0.994965182	0.997822804	0.999251615	0.999726566	0.999928420
35	0.993357769	0.997022177	0.998950813	0.999600458	0.999892799
36	0.991417788	0.996021132	0.998565086	0.999432197	0.999844076
37	0.989116117	0.994793574	0.998080523	0.999212869	0.999779042
38	0.986426795	0.993314202	0.997482896	0.998932876	0.999694116
39	0.983327461	0.991559024	0.996757906	0.998582075	0.999585368
40	0.979799649	0.989505800	0.995891425	0.998149920	0.999448555
41	0.975828951	0.987134411	0.994869725	0.997625627	0.999279168
42	0.971405075	0.984427150	0.993679677	0.996998322	0.999072475
43	0.966521797	0.981368935	0.992308932	0.996257202	0.998823577
44	0.961176827	0.977947445	0.990746075	0.995391676	0.998527457
45	0.955371613	0.974153188	0.988980747	0.994391506	0.998179037
46	0.949111088	0.969979505	0.987003739	0.993246922	0.997773230
47	0.942403382	0.965422524	0.984807064	0.991948736	0.997304991
48	0.935259511	0.960481066	0.982383996	0.990488430	0.996769366
49	0.927693044	0.955156516	0.979729096	0.988858228	0.996161533
50	0.919719778	0.949452657	0.976838204	0.987051160	0.995476848

P(U ≤ U') (CONTINUED)

M = 23

N \ U'	42	43	44	45	46
23	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
24	0.999999993	0.999999999	1.000000000	1.000000000	1.000000000
25	0.999999974	0.999999997	1.000000000	1.000000000	1.000000000
26	0.999999919	0.999999989	0.999999999	1.000000000	1.000000000
27	0.999999782	0.999999969	0.999999996	1.000000000	1.000000000
28	0.999999476	0.999999922	0.999999989	0.999999999	1.000000000
29	0.999998854	0.999999823	0.999999971	0.999999998	1.000000000
30	0.999997685	0.999999629	0.999999932	0.999999994	0.999999999
31	0.999995624	0.999999276	0.999999856	0.999999987	0.999999998
32	0.999992180	0.999998667	0.999999713	0.999999974	0.999999996
33	0.999986691	0.999997669	0.999999462	0.999999950	0.999999991
34	0.999978290	0.999996101	0.999999041	0.999999910	0.999999983
35	0.999965884	0.999993726	0.999998366	0.999999843	0.999999967
36	0.999948129	0.999990246	0.999997324	0.999999737	0.999999942
37	0.999923416	0.999985291	0.999995767	0.999999577	0.999999901
38	0.999889864	0.999978416	0.999993508	0.999999338	0.999999837
39	0.999845312	0.999969095	0.999990315	0.999998995	0.999999741
40	0.999787329	0.999956716	0.999985908	0.999998513	0.999999599
41	0.999713222	0.999940584	0.999979954	0.999997850	0.999999395
42	0.999620052	0.999919915	0.999972065	0.999996955	0.999999110
43	0.999504653	0.999893840	0.999961793	0.999995770	0.999998718
44	0.999363665	0.999861408	0.999948631	0.999994225	0.999998190
45	0.999193554	0.999821588	0.999932012	0.999992243	0.999997490
46	0.998990650	0.999773278	0.999911307	0.999989733	0.999996578
47	0.998751180	0.999715305	0.999885831	0.999986596	0.999995404
48	0.998471297	0.999646439	0.999854839	0.999982721	0.999993916
49	0.998147119	0.999565395	0.999817533	0.999977984	0.999992050
50	0.997774763	0.999470843	0.999773063	0.999972254	0.999989738

P(U ≤ U') (CONTINUED)

M = 24

N \ U'	2	3	4	5	6
24	0.000000000	0.000000000	0.000000000	0.000000000	0.000000004
25	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 24

N \ U'	7	8	9	10	11
24	0.000000032	0.000000227	0.000001199	0.000006062	0.000024542
25	0.000000018	0.000000132	0.000000713	0.000003690	0.000015302
26	0.000000011	0.000000078	0.000000429	0.000002273	0.000009645
27	0.000000006	0.000000046	0.000000262	0.000001415	0.000006143
28	0.000000004	0.000000028	0.000000162	0.000000891	0.000003952
29	0.000000002	0.000000017	0.000000101	0.000000566	0.000002567
30	0.000000001	0.000000011	0.000000064	0.000000363	0.000001683
31	0.000000001	0.000000007	0.000000041	0.000000236	0.000001113
32	0.000000001	0.000000004	0.000000026	0.000000154	0.000000743
33	0.000000000	0.000000003	0.000000017	0.000000102	0.000000500
34	0.000000000	0.000000002	0.000000011	0.000000068	0.000000339
35	0.000000000	0.000000001	0.000000007	0.000000045	0.000000231
36	0.000000000	0.000000001	0.000000005	0.000000031	0.000000159
37	0.000000000	0.000000000	0.000000003	0.000000021	0.000000110
38	0.000000000	0.000000000	0.000000002	0.000000014	0.000000077
39	0.000000000	0.000000000	0.000000002	0.000000010	0.000000054
40	0.000000000	0.000000000	0.000000001	0.000000007	0.000000038
41	0.000000000	0.000000000	0.000000001	0.000000005	0.000000027
42	0.000000000	0.000000000	0.000000001	0.000000003	0.000000019
43	0.000000000	0.000000000	0.000000000	0.000000002	0.000000014
44	0.000000000	0.000000000	0.000000000	0.000000002	0.000000010
45	0.000000000	0.000000000	0.000000000	0.000000001	0.000000007
46	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
47	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002

P(U ≤ U') (CONTINUED)

M = 24

N \ U'	12	13	14	15	16
24	0.000094765	0.000305432	0.000937436	0.002472301	0.006199831
25	0.000060558	0.000200098	0.000630033	0.001704868	0.004389764
26	0.000039062	0.000132214	0.000426380	0.001182805	0.003121897
27	0.000025425	0.000088089	0.000293544	0.000825604	0.002230395
28	0.000016694	0.000059167	0.000199328	0.000579766	0.001600941
29	0.000011055	0.000040054	0.000137662	0.000409570	0.001154578
30	0.000007381	0.000027323	0.000095695	0.000291046	0.000836633
31	0.000004967	0.000018776	0.000066948	0.000208022	0.000609125
32	0.000003368	0.000012996	0.000047129	0.000149528	0.000445580
33	0.000002301	0.000009057	0.000033379	0.000108081	0.000327471
34	0.000001583	0.000006355	0.000023781	0.000078547	0.000241781
35	0.000001097	0.000004488	0.000017040	0.000057387	0.000179326
36	0.000000765	0.000003189	0.000012279	0.000042145	0.000133599
37	0.000000537	0.000002280	0.000008896	0.000031108	0.000099969
38	0.000000380	0.000001640	0.000006480	0.000023074	0.000075127
39	0.000000270	0.000001186	0.000004744	0.000017197	0.000056697
40	0.000000193	0.000000863	0.000003491	0.000012876	0.000042964
41	0.000000139	0.000000631	0.000002581	0.000009685	0.000032689
42	0.000000100	0.000000464	0.000001917	0.000007317	0.000024970
43	0.000000073	0.000000343	0.000001431	0.000005552	0.000019147
44	0.000000053	0.000000254	0.000001073	0.000004230	0.000014738
45	0.000000039	0.000000190	0.000000808	0.000003236	0.000011385
46	0.000000029	0.000000142	0.000000611	0.000002496	0.000008827
47	0.000000021	0.000000107	0.000000464	0.000001916	0.000006868
48	0.000000016	0.000000081	0.000000354	0.000001483	0.000005362
49	0.000000012	0.000000061	0.000000271	0.000001152	0.000004200
50	0.000000009	0.000000047	0.000000208	0.000000898	0.000003301

P(U ≤ U') (CONTINUED)

M = 24

N \ U'	17	18	19	20	21
24	0.013654891	0.028565011	0.053415211	0.094832210	0.152816010
25	0.009927361	0.021338167	0.040990111	0.074799906	0.123824110
26	0.007242465	0.015968376	0.031481106	0.058951565	0.100157253
27	0.005303374	0.011976129	0.024209514	0.046452031	0.080927932
28	0.003898584	0.009004457	0.018648884	0.036613994	0.065358170
29	0.002877409	0.006788701	0.014393990	0.028880255	0.052782593
30	0.002132401	0.005133127	0.011134580	0.022804072	0.042642207
31	0.001586814	0.003893158	0.008633975	0.018030189	0.034473563
32	0.001185711	0.002962025	0.006712022	0.014277805	0.027896214
33	0.000889659	0.002260849	0.005231760	0.011325938	0.022600166
34	0.000670268	0.001731286	0.004089102	0.009001219	0.018334241
35	0.000507035	0.001330119	0.003204921	0.007167917	0.014895760
36	0.000385097	0.001025273	0.002519018	0.005719899	0.012121662
37	0.000293643	0.000792890	0.001985537	0.004574229	0.009881045
38	0.000224781	0.000615183	0.001569498	0.003666099	0.008068961
39	0.000172728	0.000478852	0.001244163	0.002944854	0.006601341
40	0.000133228	0.000373930	0.000989059	0.002370871	0.005410857
41	0.000103140	0.000292925	0.000788474	0.001913125	0.004443589
42	0.000080136	0.000230186	0.000630320	0.001547294	0.003656333
43	0.000062483	0.000181443	0.000505278	0.001254285	0.003014452
44	0.000048887	0.000143455	0.000406145	0.001019086	0.002490147
45	0.000038360	0.000113760	0.000327338	0.000829874	0.002061087
46	0.000030230	0.000090477	0.000264521	0.000677318	0.001709312
47	0.000023889	0.000072166	0.000214316	0.000554045	0.001420354
48	0.000018937	0.000057724	0.000174085	0.000454212	0.001182544
49	0.000015059	0.000046301	0.000141762	0.000373185	0.000986454
50	0.000012011	0.000037239	0.000115727	0.000307276	0.000824459

P(U ≤ U') (CONTINUED)

M = 24

N \ U'	22	23	24	25	26
24	0.233993329	0.329930161	0.443310054	0.556689946	0.670069839
25	0.194824681	0.281961745	0.388755993	0.500000000	0.615693768
26	0.161691081	0.240006863	0.339172949	0.446602876	0.562296644
27	0.133865122	0.203645964	0.294645432	0.397019833	0.510769168
28	0.110632467	0.172364897	0.255051913	0.351520099	0.461769454
29	0.091316059	0.145613215	0.220132480	0.310176591	0.415745549
30	0.075316784	0.122843440	0.189542782	0.272916959	0.372965971
31	0.062098432	0.103535736	0.162894959	0.239567288	0.333552724
32	0.051198824	0.087211950	0.139787261	0.209887677	0.297513196
33	0.042223417	0.073442225	0.119824455	0.183600021	0.264768923
34	0.034838955	0.061846668	0.102631042	0.160408906	0.235180259
35	0.028766246	0.052093883	0.087859104	0.140016719	0.208566727
36	0.023772871	0.043897686	0.075192255	0.122134108	0.184723246
37	0.019666297	0.037012881	0.064346891	0.106486824	0.163432678
38	0.016287638	0.031230686	0.055071641	0.092819818	0.144475220
39	0.013506147	0.026374196	0.047145680	0.080899341	0.127635180
40	0.011214466	0.022294083	0.040376401	0.070513599	0.112705676
41	0.009324572	0.018864677	0.034596774	0.061472440	0.099491674
42	0.007764375	0.015980460	0.029662617	0.053606391	0.087811784
43	0.006474864	0.013552980	0.025449935	0.046765313	0.077499913
44	0.005407749	0.011508191	0.021852418	0.040816835	0.068401442
45	0.004523514	0.009784153	0.018779134	0.035644722	0.060380918
46	0.003789811	0.008329083	0.016152448	0.031147232	0.053313433
47	0.003180150	0.007099697	0.013906182	0.027235549	0.047087797
48	0.002672822	0.006059817	0.011983980	0.023832306	0.041604795
49	0.002250321	0.005179198	0.010337892	0.020870225	0.036776197
50	0.001897133	0.004432545	0.008927140	0.018290878	0.032523760

P(U ≤ U') (CONTINUED)

M = 24

N \ U'	27	28	29	30	31
24	0.766006671	0.847183990	0.905167790	0.946584789	0.971434989
25	0.718038255	0.808402618	0.876175890	0.926890583	0.959009889
26	0.669090891	0.766985618	0.843902903	0.903838450	0.943795481
27	0.620143528	0.723796768	0.808940501	0.877690099	0.925814817
28	0.572018810	0.679658713	0.771921486	0.848807131	0.905189938
29	0.525374852	0.635316488	0.733478664	0.817617672	0.882124244
30	0.480711062	0.591416182	0.694213794	0.784585321	0.856882542
31	0.438392633	0.548945748	0.654676251	0.750182523	0.829771084
32	0.398619564	0.506984851	0.615350138	0.714869280	0.801119202
33	0.361547229	0.467210889	0.576648250	0.679077308	0.771263460
34	0.327206540	0.429408804	0.538911229	0.643199253	0.740534742
35	0.295572506	0.393732872	0.502410421	0.607582242	0.709248335
36	0.266570579	0.360269111	0.467353147	0.572524968	0.677696789
37	0.240090560	0.329047398	0.433889386	0.538277512	0.646145243
38	0.215998083	0.300052729	0.402119086	0.505043144	0.614828805
39	0.194143874	0.273235295	0.372099570	0.472981483	0.583951587
40	0.174371019	0.248519226	0.343852634	0.442212499	0.553687013
41	0.156520525	0.225810017	0.317371132	0.412820942	0.524179054
42	0.140435465	0.205000673	0.292624884	0.384860896	0.495544111
43	0.125963953	0.185976699	0.269565881	0.358360251	0.467873307
44	0.112961191	0.168620071	0.248132758	0.333324922	0.441234996
45	0.101290780	0.152812325	0.228254586	0.309742743	0.415677347
46	0.090825467	0.138436894	0.209854035	0.287586977	0.391230900
47	0.081447458	0.125380837	0.192849953	0.266819417	0.367911017
48	0.073048430	0.113536053	0.177159461	0.247393093	0.345720178
49	0.065529300	0.102800098	0.162699596	0.229254593	0.324650089
50	0.058799850	0.093076673	0.149388596	0.212346026	0.304683589

P(U ≤ U') (CONTINUED)

M = 24

N \ U'	32	33	34	35	36
24	0.986345109	0.993800169	0.997527699	0.999062564	0.999694568
25	0.979295767	0.990072639	0.995778042	0.998295132	0.999400677
26	0.970167122	0.985001170	0.993242307	0.997120490	0.998917001
27	0.958814624	0.978408260	0.989751943	0.995423785	0.998171390
28	0.945170473	0.970158308	0.985151009	0.993088321	0.997082916
29	0.929242089	0.960163174	0.979304798	0.990001588	0.995565244
30	0.911105458	0.948383713	0.972106239	0.986060666	0.993530388
31	0.890895098	0.934827984	0.963479866	0.981176616	0.990892479
32	0.868792218	0.919546980	0.953383488	0.975277699	0.987571240
33	0.845012381	0.902628726	0.941807841	0.968311359	0.983494961
34	0.819793641	0.884191496	0.928774626	0.960245071	0.978602831
35	0.793385792	0.864376771	0.914333386	0.951066191	0.972846584
36	0.766041119	0.843342407	0.898557613	0.940781006	0.966191464
37	0.738006794	0.821256325	0.881540468	0.929413169	0.958616560
38	0.709518937	0.798290937	0.863390403	0.917001728	0.950114605
39	0.680798224	0.774618404	0.844226924	0.903598897	0.940691326
40	0.652046879	0.750406744	0.824176644	0.889267731	0.930364457
41	0.623446857	0.725816778	0.803369749	0.874079811	0.919162506
42	0.595159002	0.700999827	0.781936928	0.858113022	0.907123377
43	0.567323001	0.676096104	0.760006784	0.841449502	0.894292905
44	0.540057907	0.651233681	0.737703727	0.824173774	0.880723389
45	0.513463135	0.626527953	0.715146324	0.806371117	0.866472157
46	0.487619748	0.602081506	0.692446051	0.788126158	0.851600216
47	0.462591931	0.577984294	0.669706429	0.769521693	0.836170995
48	0.438428573	0.554314066	0.647022460	0.750637724	0.820249218
49	0.415164885	0.531136967	0.624480350	0.731550702	0.803899899
50	0.392823991	0.508508268	0.602157445	0.712332946	0.787187479

P(U ≤ U') (CONTINUED)

M = 24

N \ U'	37	38	39	40	41
24	0.999905235	0.999975458	0.999993938	0.999998801	0.999999773
25	0.999799902	0.999943213	0.999984698	0.999996607	0.999999287
26	0.999615644	0.999881794	0.999965841	0.999991645	0.999998096
27	0.999316225	0.999774160	0.999930821	0.999981562	0.999995516
28	0.998858291	0.999598031	0.999870567	0.999962778	0.999990442
29	0.998192525	0.999325863	0.999773233	0.999930205	0.999981220
30	0.997265250	0.998925188	0.999624109	0.999877009	0.999965523
31	0.996020296	0.998359300	0.999405696	0.999794451	0.999940233
32	0.994400985	0.997588300	0.999097933	0.999671808	0.999901358
33	0.992352062	0.996569729	0.998678562	0.999496393	0.999843973
34	0.989821462	0.995260798	0.998123606	0.999253662	0.999762187
35	0.986761835	0.993618625	0.997407904	0.998927414	0.999649182
36	0.983131770	0.991601922	0.996505695	0.998500052	0.999497231
37	0.978896693	0.989171960	0.995391201	0.997952902	0.999297795
38	0.974029461	0.986293490	0.994039192	0.997266568	0.999041625
39	0.968510648	0.982935482	0.992425504	0.996421303	0.998718887
40	0.962328577	0.979071687	0.990527500	0.995397380	0.998319307
41	0.955479123	0.974681012	0.988324459	0.994175450	0.997832319
42	0.947965340	0.969747720	0.985797895	0.992736880	0.997247220
43	0.939796947	0.964261486	0.982931792	0.991064049	0.996553322
44	0.930989713	0.958217306	0.979712774	0.989140610	0.995740096
45	0.921564778	0.951615298	0.976130196	0.986951713	0.994797313
46	0.911547938	0.944460412	0.972176180	0.984484169	0.993715161
47	0.900968928	0.936762072	0.967845591	0.981726589	0.992484362
48	0.889860711	0.928533763	0.963135967	0.978669464	0.991096262
49	0.878258795	0.919792593	0.958047408	0.975305218	0.989542912
50	0.866200596	0.910558837	0.952582434	0.971628216	0.987817131

P(U ≤ U') (CONTINUED)

M = 24

N \ U'	42	43	44	45	46
24	0.999999968	0.999999996	1.000000000	1.000000000	1.000000000
25	0.999999882	0.999999982	0.999999998	1.000000000	1.000000000
26	0.999999644	0.999999939	0.999999992	0.999999999	1.000000000
27	0.999999068	0.999999829	0.999999974	0.999999997	1.000000000
28	0.999997819	0.999999575	0.999999926	0.999999990	0.999999999
29	0.999995348	0.999999048	0.999999817	0.999999974	0.999999996
30	0.999990813	0.999998039	0.999999587	0.999999939	0.999999990
31	0.999982996	0.999996232	0.999999142	0.999999869	0.999999977
32	0.999970223	0.999993178	0.999998331	0.999999737	0.999999949
33	0.999950288	0.999988259	0.999996938	0.999999502	0.999999897
34	0.999920395	0.999980665	0.999994656	0.999999108	0.999999802
35	0.999877108	0.999969364	0.999991072	0.999998472	0.999999638
36	0.999816328	0.999953084	0.999985645	0.999997485	0.999999369
37	0.999733284	0.999930291	0.999977691	0.999996005	0.999998943
38	0.999622553	0.999899185	0.999966367	0.999993851	0.999998292
39	0.999478089	0.999857690	0.999950653	0.999990797	0.999997327
40	0.999293283	0.999803461	0.999929349	0.999986571	0.999995935
41	0.999061028	0.999733892	0.999901063	0.999980849	0.999993974
42	0.998773797	0.999646127	0.999864209	0.999973250	0.999991276
43	0.998423741	0.999537086	0.999817012	0.999963337	0.999987629
44	0.998002777	0.999403484	0.999757509	0.999950614	0.999982798
45	0.997502692	0.999241864	0.999683559	0.999934522	0.999976501
46	0.996915238	0.999048623	0.999592854	0.999914444	0.999968418
47	0.996232231	0.998820046	0.999482934	0.999889707	0.999958187
48	0.995445641	0.998552341	0.999351206	0.999859575	0.999945404
49	0.994547678	0.998241671	0.999194960	0.999823263	0.999929622
50	0.993530866	0.997884188	0.999011387	0.999779932	0.999910352

P(U ≤ U') (CONTINUED)

M = 24

N \ U'	47	48
24	1.000000000	1.000000000
.	.	.
.	.	.
.	.	.
29	1.000000000	1.000000000
30	0.999999999	1.000000000
31	0.999999998	1.000000000
32	0.999999996	0.999999999
33	0.999999991	0.999999999
34	0.999999983	0.999999997
35	0.999999967	0.999999994
36	0.999999942	0.999999988
37	0.999999901	0.999999979
38	0.999999837	0.999999963
39	0.999999741	0.999999938
40	0.999999599	0.999999900
41	0.999999395	0.999999842
42	0.999999110	0.999999757
43	0.999998718	0.999999636
44	0.999998190	0.999999468
45	0.999997490	0.999999236
46	0.999996578	0.999998924
47	0.999995404	0.999998511
48	0.999993916	0.999997972
49	0.999992050	0.999997277
50	0.999989738	0.999996394

P(U ≤ U') (CONTINUED)

M = 25

N \ U'	2	3	4	5	6
25	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 25

N \ U'	7	8	9	10	11
25	0.000000010	0.000000075	0.000000415	0.000002202	0.000009347
26	0.000000006	0.000000043	0.000000245	0.000001329	0.000005775
27	0.000000003	0.000000025	0.000000147	0.000000812	0.000003606
28	0.000000002	0.000000015	0.000000089	0.000000501	0.000002276
29	0.000000001	0.000000009	0.000000054	0.000000313	0.000001450
30	0.000000001	0.000000005	0.000000034	0.000000197	0.000000933
31	0.000000000	0.000000003	0.000000021	0.000000126	0.000000606
32	0.000000000	0.000000002	0.000000013	0.000000081	0.000000397
33	0.000000000	0.000000001	0.000000008	0.000000052	0.000000262
34	0.000000000	0.000000001	0.000000005	0.000000034	0.000000175
35	0.000000000	0.000000001	0.000000004	0.000000023	0.000000117
36	0.000000000	0.000000000	0.000000002	0.000000015	0.000000079
37	0.000000000	0.000000000	0.000000002	0.000000010	0.000000054
38	0.000000000	0.000000000	0.000000001	0.000000007	0.000000037
39	0.000000000	0.000000000	0.000000001	0.000000005	0.000000026
40	0.000000000	0.000000000	0.000000000	0.000000003	0.000000018
41	0.000000000	0.000000000	0.000000000	0.000000002	0.000000013
42	0.000000000	0.000000000	0.000000000	0.000000002	0.000000009
43	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
44	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
45	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001

P(U ≤ U') (CONTINUED)

M = 25

N \ U'	12	13	14	15	16
25	0.000037930	0.000128443	0.000415066	0.001152096	0.003047316
26	0.000023989	0.000083187	0.000275452	0.000783581	0.002125512
27	0.000015316	0.000054347	0.000184126	0.000536383	0.001489860
28	0.000009868	0.000035807	0.000123959	0.000369524	0.001049552
29	0.000006414	0.000023786	0.000084038	0.000256186	0.000743119
30	0.000004205	0.000015927	0.000057365	0.000178720	0.000528829
31	0.000002779	0.000010748	0.000039421	0.000125442	0.000378238
32	0.000001852	0.000007307	0.000027268	0.000088576	0.000271890
33	0.000001243	0.000005004	0.000018981	0.000062912	0.000196415
34	0.000000841	0.000003450	0.000013296	0.000044940	0.000142588
35	0.000000573	0.000002396	0.000009369	0.000032282	0.000104011
36	0.000000393	0.000001674	0.000006641	0.000023316	0.000076231
37	0.000000272	0.000001177	0.000004735	0.000016930	0.000056130
38	0.000000188	0.000000833	0.000003394	0.000012357	0.000041518
39	0.000000132	0.000000593	0.000002446	0.000009064	0.000030847
40	0.000000093	0.000000425	0.000001772	0.000006682	0.000023019
41	0.000000066	0.000000306	0.000001291	0.000004949	0.000017251
42	0.000000047	0.000000221	0.000000945	0.000003683	0.000012982
43	0.000000034	0.000000161	0.000000695	0.000002753	0.000009809
44	0.000000024	0.000000118	0.000000513	0.000002067	0.000007441
45	0.000000018	0.000000087	0.000000381	0.000001558	0.000005667
46	0.000000013	0.000000064	0.000000284	0.000001180	0.000004332
47	0.000000009	0.000000047	0.000000213	0.000000897	0.000003324
48	0.000000007	0.000000035	0.000000160	0.000000685	0.000002560
49	0.000000005	0.000000026	0.000000121	0.000000525	0.000001978
50	0.000000004	0.000000020	0.000000092	0.000000403	0.000001534

P(U ≤ U') (CONTINUED)

M = 25

N \ U'	17	18	19	20	21
25	0.007074659	0.015632764	0.030847172	0.057895009	0.098466763
26	0.005060988	0.011477098	0.023239968	0.044785426	0.078180886
27	0.003635185	0.008447228	0.017536759	0.034646387	0.062021792
28	0.002622115	0.006234762	0.013259351	0.026817925	0.049189571
29	0.001899586	0.004615761	0.010048110	0.020778677	0.039020641
30	0.001382219	0.003428169	0.007633733	0.016120636	0.030972716
31	0.001010229	0.002554655	0.005815111	0.012526692	0.024607539
32	0.000741633	0.001910260	0.004442287	0.009751608	0.019573853
33	0.000546361	0.001433407	0.003403507	0.007606388	0.015591862
34	0.000405014	0.001079390	0.002615467	0.005945716	0.012439701
35	0.000301264	0.000815691	0.002016022	0.004658019	0.009942014
36	0.000225053	0.000618604	0.001558753	0.003657692	0.007960516
37	0.000168831	0.000470795	0.001208930	0.002879053	0.006386312
38	0.000127181	0.000359563	0.000940517	0.002271693	0.005133720
39	0.000096197	0.000275566	0.000733956	0.001796888	0.004135338
40	0.000073052	0.000211919	0.000574516	0.001424862	0.003338139
41	0.000055694	0.000163526	0.000451079	0.001132685	0.002700380
42	0.000042623	0.000126606	0.000355228	0.000902675	0.002189175
43	0.000032743	0.000098346	0.000280576	0.000721168	0.001778590
44	0.000025245	0.000076641	0.000222262	0.000577591	0.001448146
45	0.000019535	0.000059917	0.000176577	0.000463741	0.001181649
46	0.000015169	0.000046989	0.000140682	0.000373244	0.000966277
47	0.000011819	0.000036964	0.000112397	0.000301135	0.000791855
48	0.000009241	0.000029165	0.000090047	0.000243541	0.000650301
49	0.000007248	0.000023080	0.000072336	0.000197429	0.000535181
50	0.000005703	0.000018318	0.000058263	0.000160422	0.000441361

P(U ≤ U') (CONTINUED)

M = 25

N \ U'	22	23	24	25	26
25	0.159324396	0.236779564	0.335358869	0.442153116	0.557846884
26	0.129889985	0.198051980	0.287795045	0.388755993	0.502181255
27	0.105651345	0.165146189	0.245914948	0.340145166	0.449519526
28	0.085757720	0.137381929	0.209388039	0.296395422	0.400404247
29	0.069602757	0.114085834	0.177777513	0.257392112	0.355141147
30	0.056643425	0.094624488	0.150595963	0.222892453	0.313846100
31	0.045749020	0.078422219	0.127344655	0.192574570	0.276490138
32	0.037094612	0.064968549	0.107539651	0.166074917	0.242939408
33	0.030091801	0.053818974	0.090727910	0.143015570	0.212988761
34	0.024428597	0.044591740	0.076496075	0.123023229	0.186388783
35	0.019849505	0.036962443	0.064474152	0.105741715	0.162866721
36	0.016146377	0.030657676	0.054335786	0.090839539	0.142142111
37	0.013150311	0.025448492	0.045796390	0.078013896	0.123937973
38	0.010724656	0.021144129	0.038610029	0.066992118	0.107988468
39	0.008759093	0.017586260	0.032565696	0.057531422	0.094043796
40	0.007164695	0.014643871	0.027483387	0.049417561	0.081873005
41	0.005869850	0.012208790	0.023210257	0.042462823	0.071265273
42	0.004816921	0.010191855	0.019616992	0.036503695	0.062030107
43	0.003959522	0.008519653	0.016594509	0.031398413	0.053996795
44	0.003260321	0.007131787	0.014051003	0.027024532	0.047013377
45	0.002689257	0.005978585	0.011909341	0.023276624	0.040945335
46	0.002222111	0.005019197	0.010104809	0.020064131	0.035674132
47	0.001839353	0.004220030	0.008583162	0.017309425	0.031095708
48	0.001525220	0.003553440	0.007298960	0.014946062	0.027118999
49	0.001266976	0.002996674	0.006214154	0.012917239	0.023664517
50	0.001054317	0.002530986	0.005296890	0.011174437	0.020663025

P(U ≤ U') (CONTINUED)

M = 25

N \ U'	27	28	29	30	31
25	0.664641131	0.763220436	0.840675604	0.901533237	0.942104991
26	0.611244007	0.715944250	0.801948020	0.872460428	0.921819114
27	0.558893886	0.667621061	0.760815782	0.840142241	0.898314978
28	0.508413412	0.619192043	0.718101535	0.805141888	0.871872825
29	0.460409339	0.571461497	0.674581359	0.768069145	0.842859374
30	0.415294400	0.525084602	0.630953725	0.729540845	0.811696779
31	0.373315793	0.480568826	0.587821860	0.690150009	0.778834405
32	0.334585531	0.438284370	0.545686740	0.650443730	0.744725022
33	0.299109612	0.398479825	0.504947910	0.610909004	0.709806025
34	0.266814293	0.361300207	0.465909612	0.571965230	0.674485660
35	0.237568653	0.326805350	0.428790146	0.533961967	0.639133788
36	0.211203265	0.294987347	0.393732872	0.497180565	0.604076514
37	0.187525155	0.265786303	0.360817697	0.461838465	0.569593950
38	0.166329428	0.239104014	0.330072246	0.428095158	0.535920361
39	0.147408035	0.214815496	0.301482230	0.396059024	0.503246057
40	0.130556170	0.192778441	0.275000728	0.365794450	0.471720459
41	0.115557735	0.172840778	0.250500264	0.337328819	0.441455885
42	0.102283296	0.154846559	0.228059676	0.310659090	0.412531700
43	0.090501875	0.138640442	0.207409823	0.285757796	0.384998562
44	0.080071852	0.124070967	0.188498243	0.262578386	0.358882571
45	0.070846231	0.110992889	0.171212876	0.241059868	0.334189190
46	0.062691442	0.099268722	0.155440975	0.221130785	0.310906860
47	0.055486826	0.088769688	0.141071329	0.202712569	0.289010256
48	0.049123925	0.079376197	0.127995919	0.185722192	0.268463183
49	0.043505646	0.070977979	0.116111098	0.170074609	0.249221092
50	0.038545364	0.063473963	0.105318396	0.155684339	0.231233255

P(U ≤ U') (CONTINUED)

M = 25

N \ U'	32	33	34	35	36
25	0.969152828	0.984367236	0.992925341	0.996952684	0.998847904
26	0.956291847	0.976760032	0.988879352	0.994939012	0.997958358
27	0.940622423	0.967064576	0.983425658	0.992087407	0.996616427
28	0.922162807	0.955165607	0.976381693	0.988237741	0.994698003
29	0.901029552	0.941021550	0.967607139	0.983245721	0.992076920
30	0.877421525	0.924661187	0.957010086	0.976990288	0.988631414
31	0.851601089	0.906176102	0.944549158	0.969378782	0.984250001
32	0.823874748	0.885710472	0.930232193	0.960349828	0.978836356
33	0.794574900	0.863449612	0.914112260	0.949874129	0.972312949
34	0.764043738	0.839608365	0.896281836	0.937953506	0.964623375
35	0.732619851	0.814420156	0.876865925	0.924618572	0.955733418
36	0.700627694	0.788127201	0.856014749	0.909925450	0.945631011
37	0.668369811	0.760972182	0.833896548	0.893951909	0.934325261
38	0.636121559	0.733191471	0.810690835	0.876793234	0.921844768
39	0.604127970	0.705009883	0.786582368	0.858558090	0.908235451
40	0.572602372	0.676636845	0.761755960	0.839364564	0.893558049
41	0.541726393	0.648263807	0.736392183	0.819336537	0.877885493
42	0.511650996	0.620062727	0.710663959	0.798600449	0.861300263
43	0.482498262	0.592185425	0.684733968	0.777282512	0.843891844
44	0.454363644	0.564763634	0.658752815	0.755506384	0.825754353
45	0.427318512	0.537909582	0.632857837	0.733391282	0.806984393
46	0.401412821	0.511716961	0.607172466	0.711050517	0.787679158
47	0.376677769	0.486262159	0.581806050	0.688590398	0.767934805
48	0.353128383	0.461605671	0.556854022	0.666109482	0.747845091
49	0.330765953	0.437793584	0.532398364	0.643698106	0.727500264
50	0.309580278	0.414859091	0.508508268	0.621438157	0.706986194

P(U ≤ U') (CONTINUED)

M = 25

N \ U'	37	38	39	40	41
25	0.999584934	0.999871557	0.999962070	0.999990653	0.999997798
26	0.999216419	0.999738282	0.999916813	0.999977529	0.999994225
27	0.998629324	0.999509967	0.999834414	0.999951508	0.999986636
28	0.997748682	0.999144417	0.999695365	0.999904146	0.999971999
29	0.996492520	0.998591292	0.999474986	0.999823813	0.999945902
30	0.994775342	0.997793412	0.999143601	0.999695381	0.999902298
31	0.992511790	0.996688583	0.998667064	0.999500108	0.999833326
32	0.989620164	0.995211168	0.998007570	0.999215728	0.999729195
33	0.986025561	0.993297401	0.997124685	0.998816748	0.999578176
34	0.981662457	0.990881671	0.995976500	0.998274919	0.999366668
35	0.976476650	0.987904633	0.994520834	0.997559855	0.999079365
36	0.970426540	0.984312037	0.992716416	0.996639742	0.998699488
37	0.963483792	0.980056804	0.990523969	0.995482100	0.998209072
38	0.955633418	0.975100130	0.987907178	0.994054561	0.997589306
39	0.946873398	0.969412201	0.984833487	0.992325609	0.996820883
40	0.937213911	0.962972543	0.981274728	0.990265276	0.995884368
41	0.926676289	0.955770060	0.977207576	0.987845742	0.994760549
42	0.915291770	0.947802785	0.972613823	0.985041856	0.993430778
43	0.903100139	0.939077402	0.967480504	0.981831546	0.991877274
44	0.890148325	0.929608604	0.961799884	0.978196122	0.990083394
45	0.876488997	0.919418312	0.955569314	0.974120485	0.988033864
46	0.862179226	0.908534824	0.948791001	0.969593236	0.985714968
47	0.847279212	0.896991912	0.941471696	0.964606692	0.983114689
48	0.831851133	0.884827916	0.933622322	0.959156838	0.980222814
49	0.815958098	0.872084852	0.925257567	0.953243206	0.977031000
50	0.799663234	0.858807556	0.916395448	0.946868699	0.973532795

P(U ≤ U') (CONTINUED)

M = 25

N \ U'	42	43	44	45	46
25	0.999999585	0.999999925	0.999999990	0.999999999	1.000000000
26	0.999998779	0.999999755	0.999999961	0.999999994	0.999999999
27	0.999996882	0.999999321	0.999999879	0.999999980	0.999999997
28	0.999992877	0.999998345	0.999999671	0.999999942	0.999999991
29	0.999985145	0.999996357	0.999999205	0.999999852	0.999999975
30	0.999971271	0.999992620	0.999998250	0.999999658	0.999999937
31	0.999947870	0.999986051	0.999996440	0.999999274	0.999999853
32	0.999910419	0.999975142	0.999993223	0.999998565	0.999999686
33	0.999853136	0.999957882	0.999987810	0.999997333	0.999999373
34	0.999768891	0.999931696	0.999979124	0.999995292	0.999998820
35	0.999649182	0.999893389	0.999965746	0.999992058	0.999997889
36	0.999484153	0.999839121	0.999945878	0.999987125	0.999996389
37	0.999262675	0.999764391	0.999917294	0.999979846	0.999994062
38	0.998972467	0.999664047	0.999877324	0.999969421	0.999990572
39	0.998600262	0.999532318	0.999822829	0.999954879	0.999985491
40	0.998132004	0.999362853	0.999750201	0.999935072	0.999978288
41	0.997553068	0.999148792	0.999655372	0.999908661	0.999968321
42	0.996848488	0.998882389	0.999533381	0.999874122	0.999954823
43	0.996003199	0.998557342	0.999380656	0.999829736	0.999936903
44	0.995002265	0.998164397	0.999190556	0.999773601	0.999913532
45	0.993831106	0.997695933	0.998957918	0.999703636	0.999883547
46	0.992475694	0.997143815	0.998676859	0.999617591	0.999845648
47	0.990922750	0.996499936	0.998341293	0.999513066	0.999798400
48	0.989159895	0.995756311	0.997944984	0.999387519	0.999740239
49	0.987175794	0.994905161	0.997481616	0.999238291	0.999669475
50	0.984960264	0.993938990	0.996944855	0.999062623	0.999584302

P(U ≤ U') (CONTINUED)

M = 25

N \ U'	47	48	49	50
25	1.000000000	1.000000000	1.000000000	1.000000000
26	1.000000000	1.000000000	1.000000000	1.000000000
27	1.000000000	1.000000000	1.000000000	1.000000000
28	0.999999999	1.000000000	1.000000000	1.000000000
29	0.999999997	1.000000000	1.000000000	1.000000000
30	0.999999991	0.999999999	1.000000000	1.000000000
31	0.999999979	0.999999997	1.000000000	1.000000000
32	0.999999954	0.999999992	0.999999999	1.000000000
33	0.999999905	0.999999983	0.999999999	1.000000000
34	0.999999817	0.999999963	0.999999997	1.000000000
35	0.999999663	0.999999928	0.999999994	0.999999999
36	0.999999410	0.999999865	0.999999988	0.999999998
37	0.999999007	0.999999759	0.999999979	0.999999996
38	0.999998389	0.999999588	0.999999963	0.999999992
39	0.999997469	0.999999321	0.999999938	0.999999986
40	0.999996138	0.999998916	0.999999900	0.999999977
41	0.999994259	0.999998319	0.999999842	0.999999962
42	0.999991665	0.999997463	0.999999757	0.999999938
43	0.999988157	0.999996260	0.999999636	0.999999904
44	0.999983497	0.999994607	0.999999468	0.999999853
45	0.999977413	0.999992378	0.999999236	0.999999782
46	0.999969591	0.999989422	0.999998924	0.999999682
47	0.999959676	0.999985566	0.999998511	0.999999545
48	0.999947270	0.999980608	0.999997972	0.999999361
49	0.999931934	0.999974319	0.999997277	0.999999117
50	0.999913187	0.999966440	0.999996394	0.999998798

P(U ≤ U') (CONTINUED)

M = 26

N \ U'	2	3	4	5	6
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 26

N \ U'	7	8	9	10	11
26	0.000000003	0.000000025	0.000000142	0.000000787	0.000003498
27	0.000000002	0.000000014	0.000000083	0.000000472	0.000002142
28	0.000000001	0.000000008	0.000000049	0.000000286	0.000001327
29	0.000000001	0.000000005	0.000000030	0.000000175	0.000000830
30	0.000000000	0.000000003	0.000000018	0.000000108	0.000000524
31	0.000000000	0.000000002	0.000000011	0.000000068	0.000000334
32	0.000000000	0.000000001	0.000000007	0.000000043	0.000000215
33	0.000000000	0.000000001	0.000000004	0.000000027	0.000000140
34	0.000000000	0.000000000	0.000000003	0.000000018	0.000000092
35	0.000000000	0.000000000	0.000000002	0.000000011	0.000000061
36	0.000000000	0.000000000	0.000000001	0.000000007	0.000000040
37	0.000000000	0.000000000	0.000000001	0.000000005	0.000000027
38	0.000000000	0.000000000	0.000000000	0.000000003	0.000000018
39	0.000000000	0.000000000	0.000000000	0.000000002	0.000000012
40	0.000000000	0.000000000	0.000000000	0.000000001	0.000000009
41	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
42	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 26

N \ U'	12	13	14	15	16
26	0.000014882	0.000052829	0.000179319	0.000522650	0.001454546
27	0.000009323	0.000033855	0.000117625	0.000350984	0.001000628
28	0.000005896	0.000021888	0.000077735	0.000237297	0.000692047
29	0.000003763	0.000014273	0.000051750	0.000161505	0.000481208
30	0.000002423	0.000009384	0.000034699	0.000110643	0.000336408
31	0.000001574	0.000006220	0.000023430	0.000076287	0.000236441
32	0.000001030	0.000004155	0.000015929	0.000052932	0.000167064
33	0.000000680	0.000002796	0.000010901	0.000036953	0.000118664
34	0.000000452	0.000001896	0.000007509	0.000025953	0.000084723
35	0.000000303	0.000001294	0.000005205	0.000018335	0.000060797
36	0.000000205	0.000000890	0.000003631	0.000013027	0.000043847
37	0.000000139	0.000000616	0.000002547	0.000009308	0.000031777
38	0.000000095	0.000000429	0.000001798	0.000006686	0.000023141
39	0.000000066	0.000000301	0.000001276	0.000004829	0.000016930
40	0.000000045	0.000000212	0.000000910	0.000003505	0.000012444
41	0.000000032	0.000000150	0.000000653	0.000002557	0.000009187
42	0.000000022	0.000000107	0.000000471	0.000001875	0.000006813
43	0.000000016	0.000000077	0.000000341	0.000001381	0.000005074
44	0.000000011	0.000000055	0.000000249	0.000001022	0.000003794
45	0.000000008	0.000000040	0.000000182	0.000000759	0.000002849
46	0.000000006	0.000000029	0.000000134	0.000000567	0.000002148
47	0.000000004	0.000000021	0.000000099	0.000000425	0.000001626
48	0.000000003	0.000000016	0.000000073	0.000000320	0.000001235
49	0.000000002	0.000000012	0.000000055	0.000000242	0.000000942
50	0.000000002	0.000000009	0.000000041	0.000000184	0.000000721

P(U ≤ U') (CONTINUED)

M = 26

N \ U'	17	18	19	20	21
26	0.003551315	0.008269043	0.017180308	0.034012697	0.060944520
27	0.002502931	0.005974467	0.012724676	0.025839367	0.047478608
28	0.001772081	0.004330055	0.009446003	0.019646318	0.036986855
29	0.001260486	0.003148736	0.007030138	0.014956125	0.028826602
30	0.000900819	0.002297739	0.005246791	0.011403585	0.022485813
31	0.000646834	0.001682827	0.003927478	0.008710952	0.017560378
32	0.000466661	0.001237055	0.002949041	0.006667854	0.013733599
33	0.000338263	0.000912793	0.002221447	0.005115380	0.010758549
34	0.000246338	0.000676087	0.001678834	0.003933690	0.008443402
35	0.000180222	0.000502670	0.001272960	0.003032487	0.006639518
36	0.000132452	0.000375155	0.000968427	0.002343739	0.005231896
37	0.000097781	0.000281046	0.000739208	0.001816172	0.004131646
38	0.000072503	0.000211334	0.000566124	0.001411109	0.003270074
39	0.000053992	0.000159504	0.000435006	0.001099339	0.002594087
40	0.000040377	0.000120826	0.000335356	0.000858770	0.002062621
41	0.000030321	0.000091859	0.000259377	0.000672664	0.001643890
42	0.000022862	0.000070085	0.000201258	0.000528318	0.001313260
43	0.000017307	0.000053660	0.000156659	0.000416066	0.001051613
44	0.000013152	0.000041225	0.000122326	0.000328544	0.000844087
45	0.000010033	0.000031780	0.000095812	0.000260122	0.000679113
46	0.000007682	0.000024580	0.000075274	0.000206494	0.000547665
47	0.000005903	0.000019073	0.000059314	0.000164349	0.000442689
48	0.000004552	0.000014847	0.000046876	0.000131143	0.000358662
49	0.000003523	0.000011594	0.000037153	0.000104912	0.000291249
50	0.000002735	0.000009082	0.000029530	0.000084139	0.000237042

P(U ≤ U') (CONTINUED)

M = 26

N \ U'	22	23	24	25	26
26	0.104035436	0.162795776	0.242923512	0.336405871	0.445468624
27	0.083150569	0.133415606	0.204169909	0.289664692	0.392848051
28	0.066363764	0.109093814	0.171003829	0.248391348	0.344695816
29	0.052921603	0.089064103	0.142829806	0.212277173	0.301139932
30	0.042187552	0.072635694	0.119040616	0.180913846	0.262122460
31	0.033632849	0.059202690	0.099051792	0.153844308	0.227454455
32	0.026823822	0.048244187	0.082322040	0.130598998	0.196861490
33	0.021408221	0.039319035	0.068363597	0.110720251	0.170019565
34	0.017102049	0.032057894	0.056745772	0.093777589	0.146582217
35	0.013677625	0.026154271	0.047094097	0.079376327	0.126200103
36	0.010953197	0.021355561	0.039086865	0.067161429	0.108534471
37	0.008784132	0.017454675	0.032450291	0.056818169	0.093265848
38	0.007055604	0.014282525	0.026953100	0.048070726	0.080099124
39	0.005676590	0.011701482	0.022401079	0.040679557	0.068765998
40	0.004575006	0.009599775	0.018631902	0.034438125	0.059025583
41	0.003693796	0.007886786	0.015510403	0.029169384	0.050663750
42	0.002987804	0.006489122	0.012924352	0.024722274	0.043491695
43	0.002421280	0.005347388	0.010780780	0.020968390	0.037344030
44	0.001965910	0.004413524	0.009002800	0.017798911	0.032076658
45	0.001599250	0.003648645	0.007526906	0.015121834	0.027564588
46	0.001303492	0.003021279	0.006300691	0.012859515	0.023699793
47	0.001064492	0.002505943	0.005280928	0.010946524	0.020389185
48	0.000871002	0.002081986	0.004431974	0.009327783	0.017552741
49	0.000714064	0.001732664	0.003724437	0.007956956	0.015121809
50	0.000586535	0.001444381	0.003134078	0.006795088	0.013037581

P(U ≤ U') (CONTINUED)

M = 26

N \ U'	27	28	29	30	31
26	0.554531376	0.663594129	0.757076488	0.837204224	0.895964564
27	0.500000000	0.611120540	0.710335308	0.798778187	0.866584394
28	0.448408321	0.559528861	0.662712220	0.757958397	0.834155339
29	0.400256087	0.509625636	0.615089131	0.715530554	0.799231740
30	0.355824707	0.462020587	0.568216467	0.672245084	0.762403219
31	0.315220403	0.417142142	0.522703947	0.628785760	0.724259392
32	0.278415326	0.375260507	0.479023200	0.585750542	0.685362727
33	0.245284080	0.336513795	0.437518123	0.543642485	0.646229369
34	0.215634423	0.300934206	0.398419673	0.502868388	0.607317103
35	0.189232109	0.268472345	0.361862623	0.463742927	0.569019240
36	0.165820221	0.239018680	0.327902522	0.426496364	0.531663129
37	0.145133700	0.212421724	0.296531754	0.391284278	0.495512054
38	0.126909860	0.188502934	0.267694030	0.358198138	0.460769462
39	0.110895661	0.167068545	0.241296998	0.327275901	0.427584622
40	0.096852440	0.147918698	0.217222905	0.298512050	0.396059024
41	0.084558711	0.130854269	0.195337366	0.271866756	0.366253004
42	0.073811529	0.115681775	0.175496413	0.247273978	0.338192228
43	0.064426818	0.102216756	0.157552021	0.224648441	0.311873787
44	0.056238998	0.090285933	0.141356334	0.203891519	0.287271766
45	0.049100125	0.079728444	0.126764791	0.184896090	0.264342198
46	0.042878748	0.070396378	0.113638368	0.167550460	0.243027389
47	0.037458608	0.062154796	0.101845098	0.151741478	0.223259622
48	0.032737278	0.054881396	0.091261018	0.137356936	0.204964283
49	0.028624799	0.048465929	0.081770682	0.124287387	0.188062446
50	0.025042373	0.042809466	0.073267340	0.112427464	0.172472987

P(U ≤ U') (CONTINUED)

M = 26

N \ U'	32	33	34	35	36
26	0.939055460	0.965987303	0.982819692	0.991730957	0.996448685
27	0.918470853	0.952521392	0.974816367	0.987275324	0.994218397
28	0.894689516	0.936306864	0.964682288	0.981373713	0.991094014
29	0.867978315	0.917389915	0.952300285	0.973862572	0.986908661
30	0.838690811	0.895906610	0.937626420	0.964621591	0.981511618
31	0.807238944	0.872066719	0.920687550	0.953578112	0.974776122
32	0.774065007	0.846135609	0.901574534	0.940707892	0.966604968
33	0.739618808	0.818416147	0.880432571	0.926032883	0.956933800
34	0.704338353	0.789231947	0.857450014	0.909616771	0.945732218
35	0.668635557	0.758912806	0.832846777	0.891559047	0.933003003
36	0.632886140	0.727782714	0.806863191	0.871988290	0.918779853
37	0.597423657	0.696150522	0.779749884	0.851055223	0.903124029
38	0.562536304	0.664303147	0.751759027	0.828925980	0.886120310
39	0.528466535	0.632501008	0.723137102	0.805775894	0.867872595
40	0.495412423	0.600975410	0.694119222	0.781783987	0.846499451
41	0.463530362	0.569927473	0.664924893	0.757128272	0.828129804
42	0.432938614	0.539528299	0.635755097	0.731981896	0.806898953
43	0.403721331	0.509920053	0.606790509	0.706510096	0.784944998
44	0.375932763	0.481217695	0.578190660	0.680867917	0.762405738
45	0.349601437	0.453511134	0.550093865	0.655198602	0.739416070
46	0.324734119	0.426867622	0.522617744	0.629632585	0.716105878
47	0.301319736	0.401334256	0.495860175	0.604286965	0.692598377
48	0.279332314	0.376940471	0.469900573	0.579265398	0.669008887
49	0.258734659	0.353700445	0.444801345	0.554658312	0.645443984
50	0.239480310	0.331615379	0.420609479	0.530543368	0.622000973

P(U ≤ U') (CONTINUED)

M = 26

N \ U'	37	38	39	40	41
26	0.998545454	0.999477350	0.999820681	0.999947171	0.999985118
27	0.997497069	0.999039974	0.999649016	0.999888358	0.999966145
28	0.995954165	0.998354239	0.999364796	0.999783646	0.999930243
29	0.993794098	0.997337480	0.998922677	0.999609760	0.999867416
30	0.990894987	0.995899419	0.998269949	0.999337381	0.999764353
31	0.987141627	0.993945527	0.997348076	0.998931348	0.999604239
32	0.982430959	0.991383034	0.996094653	0.998351270	0.999366748
33	0.976676053	0.988112837	0.994445586	0.997552481	0.999028255
34	0.969809162	0.984077013	0.992337336	0.996487260	0.998562221
35	0.961783527	0.979179756	0.989709052	0.995106220	0.997939733
36	0.952573760	0.973370010	0.986504483	0.993359757	0.997130158
37	0.942175634	0.966602976	0.982673595	0.991199482	0.996101867
38	0.930604789	0.958848902	0.978173822	0.988579548	0.994822984
39	0.917894957	0.950093227	0.972970959	0.985457830	0.993266125
40	0.904095671	0.940339169	0.967039695	0.981796906	0.991389094
41	0.889270012	0.929591870	0.960363814	0.977564828	0.989175512
42	0.873491854	0.917887187	0.952936103	0.972735666	0.986595360
43	0.856843659	0.905260265	0.944758023	0.967289850	0.983625426
44	0.839413680	0.891758948	0.935839174	0.961214304	0.980245651
45	0.821294164	0.877439143	0.926196625	0.954502403	0.976439382
46	0.802579172	0.862363177	0.915854129	0.947153788	0.972193515
47	0.783362854	0.846598216	0.904861286	0.939174042	0.967498566
48	0.763738126	0.830214785	0.893192672	0.930574283	0.962348653
49	0.743795128	0.813285396	0.880946971	0.921370673	0.956741411
50	0.723620555	0.795883334	0.868146133	0.911583982	0.950677856

P(U ≤ U') (CONTINUED)

M = 26

N \ U'	42	43	44	45	46
26	0.999996502	0.999999213	0.999999858	0.999999975	0.999999997
27	0.999991276	0.999997858	0.999999567	0.999999917	0.999999987
28	0.999980505	0.999994866	0.999998855	0.999999761	0.999999959
29	0.999960172	0.999988882	0.999997295	0.999999399	0.999999885
30	0.999924468	0.999977840	0.999994178	0.999998634	0.999999714
31	0.999865479	0.999958779	0.999988398	0.999997149	0.999999352
32	0.999772939	0.999927679	0.999978337	0.999994456	0.999998643
33	0.999634100	0.999879322	0.999961750	0.999989851	0.999997344
34	0.999433705	0.999807198	0.999935648	0.999982357	0.999995096
35	0.999154095	0.999703450	0.999896206	0.999970680	0.999991389
36	0.998775433	0.999558883	0.999838690	0.999953157	0.999985531
37	0.998275968	0.999363018	0.999757413	0.999927720	0.999976612
38	0.997632500	0.999104197	0.999645719	0.999891866	0.999963472
39	0.996820883	0.998769727	0.999496004	0.999842636	0.999944675
40	0.995816257	0.998346065	0.999299762	0.999776611	0.999918483
41	0.994593832	0.997819022	0.999047666	0.999689911	0.999882839
42	0.993129216	0.997173984	0.998729664	0.999578216	0.999835354
43	0.991398906	0.996396144	0.998335107	0.999436791	0.999773305
44	0.989380698	0.995470729	0.997852884	0.999260522	0.999693641
45	0.987054069	0.994383224	0.997271569	0.999043962	0.999592986
46	0.984400312	0.993119573	0.996579569	0.998781385	0.999467665
47	0.981403333	0.991666375	0.995765285	0.998466840	0.999313722
48	0.978048990	0.990011045	0.994817252	0.998094212	0.999126951
49	0.974325771	0.988141965	0.993724285	0.997657284	0.998902926
50	0.970224843	0.986048594	0.992475608	0.997149800	0.998637043

P(U ≤ U') (CONTINUED)

M = 26

N \ U'	47	48	49	50	51
26	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
27	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
28	0.999999994	0.999999999	1.000000000	1.000000000	1.000000000
29	0.999999931	0.999999997	1.000000000	1.000000000	1.000000000
30	0.999999989	0.999999992	0.999999999	1.000000000	1.000000000
31	0.999999879	0.999999978	0.999999997	1.000000000	1.000000000
32	0.999999735	0.999999949	0.999999993	0.999999999	1.000000000
33	0.999999462	0.999999887	0.999999984	0.999999997	1.000000000
34	0.999998973	0.999999768	0.999999966	0.999999994	1.000000000
35	0.999998142	0.999999552	0.999999933	0.999999987	0.999999999
36	0.999996722	0.999999178	0.999999875	0.999999974	0.999999998
37	0.999994630	0.999998562	0.999999775	0.999999950	0.999999996
38	0.999991492	0.999997583	0.999999613	0.999999910	0.999999992
39	0.999986832	0.999996080	0.999999360	0.999999842	0.999999986
40	0.999980137	0.999993845	0.999998974	0.999999734	0.999999977
41	0.999970914	0.999990608	0.999998404	0.999999566	0.999999962
42	0.999958332	0.999986039	0.999997583	0.999999315	0.999999938
43	0.999941552	0.999979730	0.999996429	0.999998947	0.999999904
44	0.999919616	0.999971197	0.999994839	0.999998421	0.999999853
45	0.999891359	0.999959867	0.999992689	0.999997684	0.999999782
46	0.999855553	0.999945078	0.999989835	0.999996673	0.999999682
47	0.999810836	0.999926071	0.999986105	0.999995311	0.999999545
48	0.999755574	0.999901993	0.999981303	0.999993504	0.999999361
49	0.999688222	0.999871889	0.999975202	0.999991145	0.999999117
50	0.999606934	0.999834709	0.999967549	0.999988108	0.999998798

P(U ≤ U') (CONTINUED)

M = 26

N \ U'	52
26	1.000000000
.	.
.	.
.	.
36	1.000000000
37	0.999999999
38	0.999999999
39	0.999999997
40	0.999999995
41	0.999999991
42	0.999999986
43	0.999999976
44	0.999999962
45	0.999999942
46	0.999999912
47	0.999999869
48	0.999999810
49	0.999999729
50	0.999999620

P(U ≤ U') (CONTINUED)

M = 27

N \ U'	2	3	4	5	6
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 27

N \ U'	7	8	9	10	11
27	0.000000001	0.000000008	0.000000048	0.000000277	0.000001288
28	0.000000001	0.000000005	0.000000028	0.000000165	0.000000783
29	0.000000000	0.000000003	0.000000016	0.000000099	0.000000481
30	0.000000000	0.000000002	0.000000010	0.000000060	0.000000298
31	0.000000000	0.000000001	0.000000006	0.000000037	0.000000197
32	0.000000000	0.000000001	0.000000004	0.000000023	0.000000118
33	0.000000000	0.000000000	0.000000002	0.000000014	0.000000076
34	0.000000000	0.000000000	0.000000001	0.000000009	0.000000049
35	0.000000000	0.000000000	0.000000001	0.000000006	0.000000032
36	0.000000000	0.000000000	0.000000001	0.000000004	0.000000021
37	0.000000000	0.000000000	0.000000000	0.000000002	0.000000014
38	0.000000000	0.000000000	0.000000000	0.000000002	0.000000009
39	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
40	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 27

N \ U'	12	13	14	15	16
27	0.000005733	0.000021290	0.000075740	0.000231313	0.000675806
28	0.000003560	0.000013511	0.000049152	0.000153527	0.000459015
29	0.000002232	0.000008651	0.000032141	0.000102612	0.000313544
30	0.000001412	0.000005587	0.000021176	0.000069055	0.000215395
31	0.000000901	0.000003639	0.000014053	0.000046785	0.000148807
32	0.000000580	0.000002389	0.000009393	0.000031907	0.000103380
33	0.000000377	0.000001581	0.000006322	0.000021901	0.000072218
34	0.000000246	0.000001054	0.000004284	0.000015128	0.000050724
35	0.000000162	0.000000708	0.000002922	0.000010513	0.000035818
36	0.000000108	0.000000479	0.000002006	0.000007350	0.000025425
37	0.000000072	0.000000326	0.000001385	0.000005169	0.000018140
38	0.000000049	0.000000224	0.000000963	0.000003655	0.000013008
39	0.000000033	0.000000154	0.000000673	0.000002600	0.000009374
40	0.000000023	0.000000107	0.000000473	0.000001859	0.000006788
41	0.000000016	0.000000075	0.000000334	0.000001336	0.000004938
42	0.000000011	0.000000053	0.000000238	0.000000965	0.000003609
43	0.000000007	0.000000037	0.000000170	0.000000700	0.000002650
44	0.000000005	0.000000026	0.000000122	0.000000511	0.000001954
45	0.000000004	0.000000019	0.000000088	0.000000374	0.000001447
46	0.000000003	0.000000014	0.000000064	0.000000276	0.000001076
47	0.000000002	0.000000010	0.000000046	0.000000204	0.000000803
48	0.000000001	0.000000007	0.000000034	0.000000151	0.000000602
49	0.000000001	0.000000005	0.000000025	0.000000113	0.000000453
50	0.000000001	0.000000004	0.000000018	0.000000085	0.000000342

P(U ≤ U') (CONTINUED)

M = 27

N \ U'	17	18	19	20	21
27	0.001731478	0.004238699	0.009253139	0.019282021	0.036331120
28	0.001203642	0.003017478	0.006745919	0.014404338	0.027806571
29	0.000840875	0.002155906	0.004932083	0.010776666	0.021296915
30	0.000590393	0.001546180	0.003617052	0.008077391	0.016329019
31	0.000416613	0.001113229	0.002661265	0.006066943	0.012537731
32	0.000295463	0.000804706	0.001964649	0.004567447	0.009642905
33	0.000210589	0.000584034	0.001455406	0.003447112	0.007430526
34	0.000150838	0.000425595	0.001081961	0.002608392	0.005737575
35	0.000108567	0.000311397	0.000807203	0.001979108	0.004440109
36	0.000078519	0.000228763	0.000604373	0.001505839	0.003443990
37	0.000057055	0.000168732	0.000454129	0.001149009	0.002677744
38	0.000041651	0.000124950	0.000342452	0.000879266	0.002087096
39	0.000030545	0.000092893	0.000259153	0.000674805	0.001630805
40	0.000022500	0.000069328	0.000196806	0.000519401	0.001277501
41	0.000016646	0.000051940	0.000149977	0.000400953	0.001003294
42	0.000012368	0.000039059	0.000114684	0.000310418	0.000789965
43	0.000039228	0.000029482	0.000087993	0.000241021	0.000623591
44	0.000006914	0.000022334	0.000067739	0.000187677	0.000493517
45	0.000035200	0.000016980	0.000052319	0.000146555	0.000391571
46	0.000003927	0.000012954	0.000040539	0.000114766	0.000311469
47	0.000002976	0.000009917	0.000031511	0.000090123	0.000248376
48	0.000002265	0.000007618	0.000024570	0.000070966	0.000198556
49	0.000001729	0.000005871	0.000019217	0.000056033	0.000159119
50	0.000001325	0.000004539	0.000015075	0.000044361	0.000127825

P(U ≤ U') (CONTINUED)

M = 27

N \ U'	22	23	24	25	26
27	0.065314589	0.107472361	0.168792757	0.245443252	0.341256371
28	0.051241333	0.086393475	0.139073270	0.207118005	0.294917663
29	0.043174917	0.069350012	0.114282778	0.174193133	0.253761573
30	0.031494174	0.055620556	0.093721439	0.146110154	0.217549311
31	0.024696001	0.044591353	0.076745456	0.122297102	0.185935431
32	0.019377371	0.035748974	0.062780220	0.102200787	0.158515883
33	0.015218099	0.028669362	0.051324121	0.085306259	0.134863543
34	0.011965414	0.023005672	0.041946536	0.071147034	0.114553181
35	0.009420705	0.018476335	0.034282526	0.059308995	0.097177993
36	0.007428467	0.014854083	0.028025909	0.049430125	0.082359689
37	0.005867241	0.011956282	0.022921827	0.041197734	0.069753841
38	0.004642329	0.009636647	0.018759461	0.034344269	0.059051891
39	0.003679969	0.007778296	0.015365283	0.028642510	0.049980911
40	0.002922738	0.006287995	0.012597004	0.023900643	0.042301917
41	0.002325936	0.005091459	0.010338302	0.019957513	0.035807350
42	0.001854756	0.004129538	0.008494303	0.016678237	0.030318126
43	0.001482080	0.003355144	0.006987755	0.013950259	0.025680564
44	0.001186757	0.002730789	0.005755833	0.011679877	0.021763356
45	0.000952279	0.002226615	0.004747485	0.009789225	0.018454714
46	0.000765742	0.001818828	0.003921245	0.008213681	0.015659743
47	0.000617046	0.001488448	0.003243439	0.006899670	0.013298075
48	0.000498274	0.001220324	0.002686717	0.005802801	0.011301773
49	0.000403211	0.001002347	0.002228860	0.004886305	0.009613492
50	0.000326968	0.000824825	0.001851810	0.004119735	0.008184883

P(U ≤ U') (CONTINUED)

M = 27

N \ U'	27	28	29	30	31
27	0.444439730	0.555560270	0.658743629	0.754556748	0.831207243
28	0.392848051	0.501948217	0.607151949	0.708459247	0.792881995
29	0.345571312	0.451034806	0.556498301	0.661423716	0.752359076
30	0.302726767	0.403333390	0.507533107	0.614299319	0.710388910
31	0.264259529	0.359152185	0.460822889	0.567819201	0.667682425
32	0.229992736	0.318630698	0.416765584	0.522588457	0.624883900
33	0.199669223	0.281775966	0.375612245	0.479083498	0.582554751
34	0.172984531	0.248495815	0.337491257	0.437659286	0.541166250
35	0.149611991	0.218627680	0.302432446	0.398561442	0.501099038
36	0.129220992	0.191962528	0.270389448	0.361940872	0.462647440
37	0.111489688	0.168263958	0.241259449	0.327869177	0.426026870
38	0.096113323	0.147282954	0.214899966	0.296353664	0.391382978
39	0.082809219	0.128768851	0.191142638	0.267351211	0.358801499
40	0.071319311	0.112477191	0.169804237	0.240780580	0.328318070
41	0.061410933	0.098175052	0.150695222	0.216533006	0.299927533
42	0.052876405	0.085644424	0.133626166	0.194481059	0.273592419
43	0.045531849	0.074684087	0.118412443	0.174485880	0.249250462
44	0.039215531	0.065110383	0.104877476	0.156402945	0.226821087
45	0.033785966	0.056757205	0.092854866	0.140086547	0.206210899
46	0.029119933	0.049475440	0.082189648	0.125393174	0.187318227
47	0.025110515	0.043132057	0.072738877	0.112183988	0.170036817
48	0.021665220	0.037608984	0.064371732	0.100326548	0.154258773
49	0.018704235	0.032801879	0.056969270	0.089695945	0.139876846
50	0.016158827	0.028618866	0.050423935	0.080175458	0.126786176

P(U ≤ U') (CONTINUED)

M = 27

N \ U'	32	33	34	35	36
27	0.892527639	0.934685+11	0.963668880	0.980717979	0.990746861
28	0.863121722	0.913606525	0.949823884	0.972193429	0.985978583
29	0.830703386	0.889611619	0.933224261	0.961541265	0.979712604
30	0.795801880	0.862530762	0.913912002	0.948669899	0.971782568
31	0.758985945	0.833170054	0.892018026	0.933557770	0.962065438
32	0.720829972	0.801784469	0.867747393	0.916249543	0.950486355
33	0.681887154	0.768803007	0.841362224	0.896848683	0.937019876
34	0.642669853	0.734657494	0.813164187	0.875507737	0.921688145
35	0.603636634	0.699765630	0.783477964	0.852417533	0.904556703
36	0.565185036	0.664518331	0.752636578	0.827796259	0.885728670
37	0.527648951	0.629271033	0.720969083	0.801879127	0.865337986
38	0.491299514	0.594338442	0.688790793	0.774909113	0.843542309
39	0.456348473	0.559992133	0.656395978	0.747129009	0.820516020
40	0.422953194	0.526460361	0.624052832	0.718774937	0.796443686
41	0.391222593	0.493929537	0.592000403	0.690071269	0.771514203
42	0.361223464	0.462546860	0.560447168	0.661226897	0.745915745
43	0.332986794	0.432423688	0.529570917	0.632432688	0.719831579
44	0.306513814	0.403639324	0.499519635	0.603859974	0.693436736
45	0.281781588	0.376244949	0.470413112	0.575659883	0.666895473
46	0.258748056	0.350267525	0.442345039	0.547963364	0.640359485
47	0.237356473	0.325713521	0.415385407	0.520881742	0.613966744
48	0.217539249	0.302572389	0.389583045	0.494507658	0.587840887
49	0.199221216	0.280819726	0.364968188	0.468916289	0.562091057
50	0.182322352	0.260420098	0.341554980	0.444166741	0.536812107

P(U ≤ U') (CONTINUEO)

M = 27

N \ U'	37	38	39	40	41
27	0.995761301	0.998268522	0.999324194	0.999768687	0.999924260
28	0.993254081	0.997083290	0.998796358	0.999560078	0.999846473
29	0.989807792	0.995360146	0.997990208	0.999220647	0.999712822
30	0.985264958	0.992969180	0.996821292	0.998699330	0.999497496
31	0.979486791	0.989781226	0.995199350	0.997936929	0.999168839
32	0.972359874	0.985674189	0.993032101	0.996867804	0.998689763
33	0.963820671	0.980538668	0.990229087	0.995422039	0.998018515
34	0.953757873	0.974282498	0.986705298	0.993527888	0.997109748
35	0.942212771	0.966834045	0.982384324	0.991114305	0.995915795
36	0.929177978	0.958144184	0.977200898	0.988113374	0.994388048
37	0.914694875	0.948187051	0.971102749	0.984462509	0.992478365
38	0.898830161	0.936959714	0.964051765	0.980106314	0.990140407
39	0.881671962	0.924480951	0.956024491	0.974998048	0.987330861
40	0.863325109	0.910789345	0.947012051	0.969100670	0.984010488
41	0.843907922	0.895940907	0.937019580	0.962387462	0.980144980
42	0.823547188	0.880006420	0.926065267	0.954842272	0.975705600
43	0.802374977	0.863068651	0.914179113	0.946459406	0.970669625
44	0.780525254	0.845219582	0.901401498	0.937243231	0.965020574
45	0.758131063	0.826557756	0.887781639	0.927207545	0.958748270
46	0.735322166	0.807185816	0.873376020	0.916374769	0.951848737
47	0.712223135	0.787208276	0.858246830	0.904775006	0.944323956
48	0.688951885	0.766729576	0.842460485	0.892445040	0.936181525
49	0.665618578	0.745852406	0.826086234	0.879427283	0.927434228
50	0.642324886	0.724676322	0.809194902	0.865768742	0.918099544

P(U ≤ U') (CONTINUEO)

M = 27

N \ U'	42	43	44	45	46
27	0.999978710	0.999994267	0.999998712	0.999999723	0.999999952
28	0.999953394	0.999986489	0.999996672	0.999999217	0.999999849
29	0.999906616	0.999971214	0.999992308	0.999998060	0.999999586
30	0.999826152	0.999943529	0.999983773	0.999995663	0.999998989
31	0.999695823	0.999896579	0.999968277	0.999991090	0.999997756
32	0.999495260	0.999821295	0.999941846	0.999982943	0.999995396
33	0.999199911	0.999706224	0.999899105	0.999969244	0.999991162
34	0.998781283	0.999537453	0.999833099	0.999947325	0.999983976
35	0.998207415	0.999298662	0.999735162	0.999913729	0.999972350
36	0.997443541	0.998971288	0.999594858	0.999864127	0.999954313
37	0.996452893	0.998534789	0.999399993	0.999793267	0.999927338
38	0.995197590	0.997966999	0.999136688	0.999694948	0.999888285
39	0.993639569	0.997244545	0.998789534	0.999562029	0.999833360
40	0.991741505	0.996343301	0.998341795	0.999386462	0.999758083
41	0.989467676	0.995238870	0.997775658	0.999159361	0.999657284
42	0.986784747	0.993907056	0.997072526	0.998871089	0.999525112
43	0.983662442	0.992324321	0.996213327	0.998511377	0.999355066
44	0.980074101	0.990468204	0.995178832	0.998069444	0.999140041
45	0.975997104	0.988317700	0.993949972	0.997534145	0.998872392
46	0.971413167	0.985853581	0.992508149	0.996894114	0.998544007
47	0.966308519	0.983058662	0.990835514	0.996137914	0.998146398
48	0.960673957	0.979918010	0.988915230	0.995254180	0.997670789
49	0.954504810	0.976419091	0.986731694	0.994231769	0.997108218
50	0.947800810	0.972551865	0.984270732	0.993059882	0.996449637

P(U ≤ U') (CONTINUED)

M = 27

N \ U'	47	48	49	50	51
27	0.999999992	0.999999999	1.000000000	1.000000000	1.000000000
28	0.999999972	0.999999996	0.999999999	1.000000000	1.000000000
29	0.999999917	0.999999986	0.999999998	1.000000000	1.000000000
30	0.999999785	0.999999961	0.999999994	0.999999999	1.000000000
31	0.999999495	0.999999899	0.999999983	0.999999997	1.000000000
32	0.999998916	0.999999763	0.999999957	0.999999993	0.999999999
33	0.999997833	0.999999490	0.999999904	0.999999982	0.999999998
34	0.999995927	0.999998975	0.999999801	0.999999960	0.999999995
35	0.999992740	0.999998059	0.999999610	0.999999915	0.999999988
36	0.999987642	0.999996508	0.999999278	0.999999832	0.999999976
37	0.999979800	0.999993993	0.999998724	0.999999685	0.999999954
38	0.999968142	0.999990070	0.999997837	0.999999436	0.999999915
39	0.999951330	0.999984156	0.999996466	0.999999031	0.999999851
40	0.999927736	0.999975506	0.999994415	0.999998395	0.999999749
41	0.999895421	0.999963191	0.999991429	0.999997429	0.999999590
42	0.999852123	0.999946085	0.999987193	0.999996002	0.999999350
43	0.999795252	0.999922842	0.999981321	0.999993947	0.999998997
44	0.999721888	0.999891888	0.999973346	0.999991055	0.999998492
45	0.999628792	0.999851412	0.999962721	0.999987070	0.999997784
46	0.999512423	0.999799361	0.999948808	0.999981686	0.999996810
47	0.999368954	0.999733443	0.999930876	0.999974537	0.999995495
48	0.999194303	0.999651129	0.999908093	0.999965197	0.999993748
49	0.998984163	0.999549666	0.999879542	0.999953175	0.999991464
50	0.998734037	0.999426085	0.999844198	0.999937913	0.999988519

P(U ≤ U') (CONTINUEO)

M = 27

N \ U'	52	53	54
27	1.000000000	1.000000000	1.000000000
.	.	.	.
.	.	.	.
.	.	.	.
33	1.000000000	1.000000000	1.000000000
34	0.999999999	1.000000000	1.000000000
35	0.999999998	1.000000000	1.000000000
36	0.999999996	1.000000000	1.000000000
37	0.999999991	0.999999999	1.000000000
38	0.999999982	0.999999999	1.000000000
39	0.999999966	0.999999997	1.000000000
40	0.999999940	0.999999995	0.999999999
41	0.999999897	0.999999991	0.999999998
42	0.999999829	0.999999986	0.999999997
43	0.999999725	0.999999976	0.999999995
44	0.999999569	0.999999962	0.999999991
45	0.999999342	0.999999942	0.999999985
46	0.999999019	0.999999912	0.999999977
47	0.999998569	0.999999869	0.999999965
48	0.999997951	0.999999810	0.999999947
49	0.999997119	0.999999729	0.999999922
50	0.999996016	0.999999620	0.999999887

P(U ≤ U') (CONTINUEO)

M = 28

N \ U'	2	3	4	5	6
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 28

N \ U'	7	8	9	10	11
28	0.000000000	0.000000003	0.000000016	0.000000097	0.000000467
29	0.000000000	0.000000001	0.000000009	0.000000057	0.000000282
30	0.000000000	0.000000001	0.000000005	0.000000034	0.000000172
31	0.000000000	0.000000000	0.000000003	0.000000021	0.000000106
32	0.000000000	0.000000000	0.000000002	0.000000013	0.000000066
33	0.000000000	0.000000000	0.000000001	0.000000008	0.000000041
34	0.000000000	0.000000000	0.000000001	0.000000005	0.000000026
35	0.000000000	0.000000000	0.000000000	0.000000003	0.000000017
36	0.000000000	0.000000000	0.000000000	0.000000002	0.000000011
37	0.000000000	0.000000000	0.000000000	0.000000001	0.000000007
38	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
39	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 28

N \ U'	12	13	14	15	16
28	0.000002171	0.000008420	0.000031331	0.000100066	0.000306271
29	0.000001337	0.000005295	0.000020131	0.000065699	0.000205583
30	0.000000831	0.000003360	0.000013036	0.000043445	0.000138819
31	0.000000522	0.000002151	0.000008506	0.000028932	0.000094295
32	0.000000330	0.000001388	0.000005591	0.000019399	0.000064427
33	0.000000211	0.000000903	0.000003702	0.000013096	0.000044275
34	0.000000136	0.000000592	0.000002468	0.000008898	0.000030600
35	0.000000088	0.000000392	0.000001657	0.000006085	0.000021268
36	0.000000058	0.000000261	0.000001120	0.000004187	0.000014862
37	0.000000038	0.000000175	0.000000761	0.000002899	0.000010442
38	0.000000025	0.000000118	0.000000521	0.000002019	0.000007375
39	0.000000017	0.000000080	0.000000359	0.000001414	0.000005236
40	0.000000011	0.000000055	0.000000249	0.000000996	0.000003736
41	0.000000008	0.000000038	0.000000173	0.000000705	0.000002679
42	0.000000005	0.000000026	0.000000121	0.000000502	0.000001930
43	0.000000004	0.000000018	0.000000085	0.000000359	0.000001397
44	0.000000002	0.000000013	0.000000061	0.000000258	0.000001016
45	0.000000002	0.000000009	0.000000043	0.000000187	0.000000742
46	0.000000001	0.000000006	0.000000031	0.000000136	0.000000544
47	0.000000001	0.000000005	0.000000022	0.000000099	0.000000401
48	0.000000001	0.000000003	0.000000016	0.000000073	0.000000297
49	0.000000000	0.000000002	0.000000012	0.000000053	0.000000220
50	0.000000000	0.000000002	0.000000008	0.000000039	0.000000164

P(U ≤ U') (CONTINUED)

M = 28

N \ U'	17	18	19	20	21
28	0.000821782	0.002110560	0.004831314	0.010575128	0.020913994
29	0.000564026	0.001481998	0.003470937	0.007777472	0.015744561
30	0.000389175	0.001044869	0.002501967	0.005731868	0.011868680
31	0.000269957	0.000739754	0.001809845	0.004234226	0.008961769
32	0.000188254	0.000525962	0.001313949	0.003135908	0.006779826
33	0.000131969	0.000375562	0.000957479	0.002328818	0.005140063
34	0.000092994	0.000269324	0.000700353	0.001734387	0.003905858
35	0.000065866	0.000193969	0.000514227	0.001295497	0.002975227
36	0.000046888	0.000140297	0.000379007	0.000970594	0.002272084
37	0.000033544	0.000101907	0.000280409	0.000729408	0.001739656
38	0.000024115	0.000074333	0.000208249	0.000549857	0.001335557
39	0.000017419	0.000054446	0.000155240	0.000415798	0.001028109
40	0.000012641	0.000040043	0.000116157	0.000315407	0.000793607
41	0.000009216	0.000029569	0.000087233	0.000240001	0.000614282
42	0.000006749	0.000021921	0.000065750	0.000183191	0.000476791
43	0.000004964	0.000016315	0.000049736	0.000140260	0.000371095
44	0.000003667	0.000012189	0.000037755	0.000107718	0.000289624
45	0.000002720	0.000009141	0.000028759	0.000082978	0.000226656
46	0.000002026	0.000006880	0.000021982	0.000064111	0.000177860
47	0.000001515	0.000005198	0.000016858	0.000049681	0.000139944
48	0.000001138	0.000003940	0.000012971	0.000038611	0.000110403
49	0.000000857	0.000002998	0.000010013	0.000030095	0.000087327
50	0.000000648	0.000002288	0.000007754	0.000023523	0.000069254

P(U ≤ U') (CONTINUED)

M = 28

N \ U'	22	23	24	25	26
28	0.039523952	0.068284796	0.112733372	0.171998142	0.251017834
29	0.030472910	0.053904374	0.091151272	0.142365757	0.212721009
30	0.023496324	0.042523377	0.073562459	0.117534491	0.179612655
31	0.018125929	0.033538380	0.059288911	0.096841770	0.151204004
32	0.013994784	0.026456983	0.047744090	0.079674749	0.126979430
33	0.010817407	0.020881789	0.038429942	0.065483345	0.106429036
34	0.008372884	0.016494750	0.030929522	0.053784576	0.089069572
35	0.006490943	0.013042957	0.024897600	0.044161395	0.074456594
36	0.005040710	0.010326268	0.020050780	0.036258300	0.062190331
37	0.003921792	0.008186876	0.016157983	0.029775292	0.051917257
38	0.003057265	0.006500680	0.013031786	0.024461220	0.043328859
39	0.002388222	0.005170270	0.010520794	0.020107150	0.036158723
40	0.001869558	0.004119274	0.008503107	0.016540134	0.030178725
41	0.001466726	0.003287857	0.006880804	0.013617578	0.025194851
42	0.001153247	0.002629150	0.005575366	0.011222281	0.021043001
43	0.000908806	0.002106434	0.004523911	0.009258137	0.017585001
44	0.000717801	0.001690931	0.003676116	0.007666485	0.014704921
45	0.000568232	0.001360066	0.002991725	0.006323029	0.012305778
46	0.000450857	0.001096122	0.002438544	0.005235256	0.010306628
47	0.000358543	0.000885170	0.001990814	0.004340308	0.008640036
48	0.000285780	0.000716252	0.001627923	0.003603212	0.007249899
49	0.000228300	0.000580733	0.001333366	0.002995431	0.006089589
50	0.000182792	0.000471799	0.001093915	0.002493675	0.005120386

P(U ≤ U') (CONTINUED)

M = 28

N \ U'	27	28	29	30	31
28	0.342194402	0.447398134	0.552601866	0.657805598	0.748982166
29	0.296606118	0.396518902	0.500000000	0.607049412	0.703393882
30	0.256016549	0.349684784	0.450043608	0.557093020	0.657005804
31	0.220202224	0.307053130	0.403209490	0.508671305	0.610617725
32	0.188839397	0.268613562	0.359784037	0.462350822	0.564917606
33	0.161548235	0.234232893	0.319896954	0.418540419	0.520471999
34	0.137925721	0.203693613	0.283554625	0.377508757	0.477726498
35	0.117568992	0.176725298	0.250670679	0.339405137	0.437013041
36	0.100090993	0.153029164	0.221092526	0.304281081	0.398561442
37	0.085130206	0.132296522	0.194623441	0.272110962	0.362513069
38	0.072355995	0.114222056	0.171040283	0.242810674	0.328935143
39	0.061470819	0.098512910	0.150107252	0.216253844	0.297834640
40	0.052210296	0.084894494	0.131586206	0.192285432	0.269171117
41	0.044341878	0.073113797	0.115244107	0.170732808	0.242868120
42	0.037662682	0.062945868	0.100858147	0.151414520	0.218823016
43	0.031996882	0.054169006	0.088219054	0.134147026	0.196915254
44	0.027192922	0.046614060	0.077132992	0.118749718	0.177013133
45	0.023120747	0.040113171	0.067422423	0.105048503	0.158979219
46	0.019669161	0.034523180	0.058926211	0.092878254	0.142674584
47	0.016743370	0.029718880	0.051499202	0.082084334	0.127962032
48	0.014262757	0.025591222	0.045011446	0.072523431	0.114708475
49	0.012158900	0.022045560	0.039347214	0.064063864	0.102786615
50	0.010373808	0.018999990	0.034403884	0.056585493	0.092076067

P(U ≤ U') (CONTINUED)

M = 28

N \ U'	32	33	34	35	36
28	0.828001858	0.887266628	0.931715204	0.960476048	0.979086006
29	0.789994962	0.857634243	0.910400682	0.946095626	0.970196561
30	0.749781961	0.825162588	0.886046941	0.929024131	0.959150299
31	0.708111314	0.790371529	0.858921709	0.909326252	0.945854722
32	0.665660981	0.753811434	0.829368965	0.887148253	0.930286636
33	0.623061203	0.716032668	0.797783439	0.862703170	0.912489107
34	0.580867256	0.677561717	0.764586732	0.836254391	0.892566694
35	0.539550637	0.638883933	0.730206479	0.808099239	0.870666243
36	0.499496888	0.600432334	0.695059315	0.778553709	0.846986370
37	0.461008317	0.562581542	0.659537802	0.747939098	0.821746631
38	0.424310019	0.525645824	0.624001164	0.716570896	0.795187102
39	0.389557914	0.489880245	0.588769400	0.684750051	0.767556885
40	0.356847776	0.455484018	0.554120259	0.652756501	0.739105875
41	0.326224479	0.422605271	0.520288505	0.620844775	0.710077903
42	0.297690956	0.391346636	0.487466938	0.589241376	0.680705332
43	0.271216507	0.361771158	0.455808680	0.558143631	0.651204985
44	0.246744269	0.333908188	0.425430304	0.527719727	0.621775326
45	0.224197759	0.307759012	0.396415465	0.498109631	0.592594708
46	0.203486466	0.283302060	0.368818769	0.469426661	0.563820536
47	0.184510543	0.260497605	0.342669659	0.441759490	0.535589173
48	0.167164659	0.239291913	0.317976190	0.415174414	0.508016415
49	0.151341099	0.219620844	0.294728562	0.389717736	0.481198418
50	0.136932208	0.201412912	0.272902388	0.365418180	0.455212920

P(U ≤ U') (CONTINUED)

M = 28

N \ U'	37	38	39	40	41
28	0.989424872	0.995168686	0.997889440	0.999178218	0.999693729
29	0.984255439	0.992437855	0.996529063	0.998569000	0.999435974
30	0.977560735	0.988718575	0.994591122	0.997651028	0.999027986
31	0.969192355	0.983848840	0.991948476	0.996333241	0.998416005
32	0.959045558	0.977685600	0.988477203	0.994518436	0.997539052
33	0.947062674	0.970111719	0.984062456	0.992107275	0.996330805
34	0.933233247	0.961040804	0.978603472	0.989002420	0.994721841
35	0.917591496	0.950419862	0.972017472	0.985112443	0.992642053
36	0.900211773	0.938229917	0.964242332	0.980355286	0.990023058
37	0.881202700	0.924484896	0.955238035	0.974661074	0.986800467
38	0.860700607	0.909229130	0.944986988	0.967974183	0.982915860
39	0.838862772	0.892533870	0.933493391	0.960254603	0.978318421
40	0.815860874	0.874493165	0.920781815	0.951478500	0.972966179
41	0.791874936	0.855219441	0.906895220	0.941638189	0.966826842
42	0.767087957	0.834839035	0.891892574	0.930741531	0.959878248
43	0.741681302	0.813487903	0.875846266	0.918810881	0.952108457
44	0.715830926	0.791307642	0.858839440	0.905881714	0.943515534
45	0.689704371	0.768441935	0.840963376	0.892001021	0.934107079
46	0.663458516	0.745033470	0.822315005	0.877225570	0.923899550
47	0.637237995	0.721221352	0.802994621	0.861620123	0.912917437
48	0.611174194	0.697139010	0.783103826	0.845255674	0.901192337
49	0.585384749	0.672912562	0.762743738	0.828207753	0.888761967
50	0.559973449	0.648659612	0.742013467	0.810554850	0.875669164

P(U ≤ U') (CONTINUED)

M = 28

N \ U'	42	43	44	45	46
28	0.999899934	0.999968669	0.999991580	0.999997829	0.999999533
29	0.999803162	0.999934301	0.999980928	0.999994705	0.999998751
30	0.999639967	0.999873103	0.999960529	0.999988346	0.999997017
31	0.999380653	0.999771106	0.999924225	0.999976425	0.999993508
32	0.998988348	0.999610331	0.999863488	0.999955545	0.999986928
33	0.998422458	0.999368682	0.999767092	0.999921023	0.999975352
34	0.997633547	0.999020073	0.999620901	0.999866695	0.999956074
35	0.996570543	0.998534789	0.999407787	0.999784764	0.999925453
36	0.995179203	0.997880041	0.999107694	0.999665718	0.999878782
37	0.993404299	0.997020683	0.998697847	0.999498311	0.999810180
38	0.991191250	0.995920044	0.998153086	0.999269607	0.999712524
39	0.988487681	0.994540813	0.997446316	0.998965101	0.999577418
40	0.985244852	0.992845936	0.996549028	0.998568896	0.999395206
41	0.981418889	0.990799490	0.995431886	0.998063929	0.999155031
42	0.976971789	0.988367482	0.994065327	0.997432239	0.998844928
43	0.971872179	0.985518559	0.992420176	0.996655260	0.998451962
44	0.966095825	0.982224605	0.990468204	0.995714130	0.997962384
45	0.959625902	0.978461223	0.988182680	0.994590003	0.997361823
46	0.952453043	0.974208086	0.985538838	0.993264350	0.996635483
47	0.944575208	0.969449171	0.982514282	0.991719247	0.995768352
48	0.935997371	0.964172875	0.979089319	0.989937641	0.994745421
49	0.926731096	0.958372036	0.975247205	0.987903581	0.993551881
50	0.916793994	0.952043848	0.970974325	0.985602422	0.992173331

P(U ≤ U') (CONTINUED)

M = 28

N \ U'	47	48	49	50	51
28	0.999999903	0.999999984	0.999999997	1.000000000	1.000000000
29	0.999999718	0.999999948	0.999999991	0.999999999	1.000000000
30	0.999999278	0.999999852	0.999999972	0.999999996	0.999999999
31	0.999998336	0.999999628	0.999999924	0.999999987	0.999999998
32	0.999996479	0.999999149	0.999999816	0.999999964	0.999999994
33	0.999993068	0.999998203	0.999999594	0.999999915	0.999999985
34	0.999987163	0.999996455	0.999999166	0.999999811	0.999999966
35	0.999977447	0.999993405	0.999998391	0.999999610	0.999999927
36	0.999962155	0.999988335	0.999997062	0.999999243	0.999999854
37	0.999938996	0.999980264	0.999994880	0.999998606	0.999999723
38	0.999905097	0.999967893	0.999991441	0.999997546	0.999999500
39	0.999856954	0.999949554	0.999986208	0.999995854	0.999999133
40	0.999790398	0.999923170	0.999978491	0.999993244	0.999998555
41	0.999700582	0.999886213	0.999967427	0.999989342	0.999997670
42	0.999581984	0.999835680	0.999951958	0.999983670	0.999996355
43	0.999428430	0.999768072	0.999930816	0.999975630	0.999994452
44	0.999233137	0.999679387	0.999902513	0.999964492	0.999991763
45	0.998988761	0.999565132	0.999865325	0.999949379	0.999988044
46	0.998687476	0.999420331	0.999817294	0.999929258	0.999983001
47	0.998321049	0.999239560	0.999756223	0.999902930	0.999976283
48	0.997880929	0.999016983	0.999679681	0.999869023	0.999967481
49	0.997358344	0.998746395	0.999585009	0.999825990	0.999956120
50	0.996744398	0.998421285	0.999469338	0.999772110	0.999941661

P(U ≤ U') (CONTINUED)

M = 28

N \ U'	52	53	54	55	56
28	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
29	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
30	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
31	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
32	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
33	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
34	0.999999994	0.999999999	1.000000000	1.000000000	1.000000000
35	0.999999986	0.999999998	1.000000000	1.000000000	1.000000000
36	0.999999969	0.999999996	0.999999999	1.000000000	1.000000000
37	0.999999938	0.999999991	0.999999998	1.000000000	1.000000000
38	0.999999881	0.999999983	0.999999997	1.000000000	1.000000000
39	0.999999782	0.999999969	0.999999994	1.000000000	1.000000000
40	0.999999617	0.999999944	0.999999988	0.999999999	1.000000000
41	0.999999353	0.999999903	0.999999977	0.999999998	1.000000000
42	0.999998942	0.999999838	0.999999961	0.999999997	0.999999999
43	0.999998324	0.999999739	0.999999933	0.999999995	0.999999999
44	0.999997416	0.999999590	0.999999891	0.999999991	0.999999998
45	0.999996113	0.999999372	0.999999826	0.999999985	0.999999997
46	0.999994287	0.999999062	0.999999730	0.999999977	0.999999994
47	0.999991775	0.999998628	0.999999590	0.999999965	0.999999991
48	0.999988384	0.999998032	0.999999393	0.999999947	0.999999986
49	0.999983881	0.999997228	0.999999117	0.999999922	0.999999979
50	0.999977994	0.999996160	0.999998740	0.999999887	0.999999968

P(U ≤ U') (CONTINUED)

M = 29

N \ U'	2	3	4	5	6
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 29

N \ U'	7	8	9	10	11
29	0.000000000	0.000000001	0.000000005	0.000000033	0.000000167
30	0.000000000	0.000000000	0.000000003	0.000000019	0.000000100
31	0.000000000	0.000000000	0.000000002	0.000000012	0.000000061
32	0.000000000	0.000000000	0.000000001	0.000000007	0.000000037
33	0.000000000	0.000000000	0.000000001	0.000000004	0.000000023
34	0.000000000	0.000000000	0.000000000	0.000000003	0.000000014
35	0.000000000	0.000000000	0.000000000	0.000000002	0.000000009
36	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
37	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 29

N \ U'	12	13	14	15	16
29	0.000000809	0.000003272	0.000012713	0.000042385	0.000135640
30	0.000000495	0.000002041	0.000008094	0.000027549	0.000090054
31	0.000000305	0.000001284	0.000005193	0.000018038	0.000060161
32	0.000000190	0.000000815	0.000003358	0.000011895	0.000040437
33	0.000000119	0.000000522	0.000002188	0.000007899	0.000027344
34	0.000000076	0.000000337	0.000001436	0.000005281	0.000018601
35	0.000000048	0.000000219	0.000000949	0.000003555	0.000012727
36	0.000000031	0.000000144	0.000000631	0.000002408	0.000008758
37	0.000000020	0.000000095	0.000000423	0.000001642	0.000006061
38	0.000000013	0.000000063	0.000000285	0.000001126	0.000004217
39	0.000000009	0.000000042	0.000000193	0.000000777	0.000002950
40	0.000000006	0.000000028	0.000000132	0.000000539	0.000002075
41	0.000000004	0.000000019	0.000000091	0.000000376	0.000001467
42	0.000000003	0.000000013	0.000000063	0.000000264	0.000001042
43	0.000000002	0.000000009	0.000000044	0.000000186	0.000000744
44	0.000000001	0.000000006	0.000000030	0.000000132	0.000000533
45	0.000000001	0.000000004	0.000000021	0.000000094	0.000000384
46	0.000000001	0.000000003	0.000000015	0.000000068	0.000000278
47	0.000000000	0.000000002	0.000000011	0.000000049	0.000000202
48	0.000000000	0.000000002	0.000000008	0.000000035	0.000000148
49	0.000000000	0.000000001	0.000000005	0.000000026	0.000000108
50	0.000000000	0.000000001	0.000000004	0.000000019	0.000000080

P(U ≤ U') (CONTINUED)

M = 29

N \ U'	17	18	19	20	21
29	0.000380432	0.001023012	0.002450969	0.005624205	0.011653353
30	0.000258036	0.000709242	0.001736990	0.004076580	0.008638779
31	0.000175998	0.000493894	0.001235650	0.002962490	0.006416169
32	0.000120712	0.000345482	0.000882433	0.002158904	0.004775671
33	0.000083250	0.000242765	0.000632688	0.001577958	0.003563023
34	0.000057728	0.000171363	0.000455450	0.001156900	0.002665017
35	0.000040246	0.000121511	0.000329189	0.000850893	0.001998640
36	0.000028206	0.000086551	0.000238894	0.000627857	0.001503922
37	0.000019872	0.000061925	0.000174067	0.000464807	0.001133508
38	0.000014071	0.000044502	0.000127341	0.000345241	0.000857305
39	0.000010014	0.000032121	0.000093529	0.000257286	0.000650300
40	0.000007161	0.000023284	0.000068966	0.000192376	0.000494732
41	0.000005146	0.000016950	0.000051051	0.000144320	0.000377492
42	0.000003715	0.000012391	0.000037936	0.000108626	0.000288887
43	0.000002694	0.000009095	0.000028296	0.000082028	0.000221731
44	0.000001963	0.000006702	0.000021184	0.000062144	0.000170686
45	0.000001436	0.000004959	0.000015918	0.000047231	0.000131774
46	0.000001055	0.000003683	0.000012004	0.000036010	0.000102027
47	0.000000779	0.000002746	0.000009084	0.000027542	0.000079222
48	0.000000577	0.000002055	0.000006899	0.000021130	0.000061687
49	0.000000429	0.000001543	0.000005257	0.000016260	0.000048168
50	0.000000321	0.000001163	0.000004019	0.000012550	0.000037715

P(U ≤ U') (CONTINUED)

M = 29

N \ U'	22	23	24	25	26
29	0.023108736	0.041853907	0.072527823	0.115982537	0.177543383
30	0.017529218	0.032481321	0.057609670	0.094255180	0.147652923
31	0.013306260	0.025207325	0.045706768	0.076455933	0.122437322
32	0.010111323	0.019569978	0.036238378	0.061935494	0.101291437
33	0.007693850	0.015204445	0.028723516	0.050128711	0.083644740
34	0.005863629	0.011824677	0.022768687	0.040552702	0.068976727
35	0.004476731	0.009207632	0.018055031	0.032800696	0.056823842
36	0.003424495	0.007180103	0.014326079	0.026533788	0.046780720
37	0.002625001	0.005607988	0.011376740	0.021472055	0.038497884
38	0.002016531	0.004387675	0.009043740	0.017385856	0.031677388
39	0.001552597	0.003439218	0.007197544	0.014087810	0.026067477
40	0.001198172	0.002700975	0.005735649	0.011425662	0.021456945
41	0.000926845	0.002125433	0.004577091	0.009276101	0.017669624
42	0.000718685	0.001675963	0.003658007	0.007539511	0.014559251
43	0.000558630	0.001324310	0.002928061	0.006135562	0.012004845
44	0.000435282	0.001048665	0.002347593	0.004999572	0.009906635
45	0.000340002	0.000832177	0.001885362	0.004079498	0.008182532
46	0.000266230	0.000661809	0.001516747	0.003333492	0.006765120
47	0.000208975	0.000527461	0.001222340	0.002727910	0.005599110
48	0.000164434	0.000421299	0.000986828	0.002235705	0.004639203
49	0.000129699	0.000337234	0.000798122	0.001835122	0.003848308
50	0.000102549	0.000270526	0.000646668	0.001508659	0.003196071

P(U ≤ U') (CONTINUED)

M = 29

N \ U'	27	28	29	30	31
29	0.253310578	0.346562510	0.446475294	0.553524706	0.653437490
30	0.215426980	0.301368909	0.396518902	0.501753917	0.603481098
31	0.182566831	0.260925649	0.350478583	0.452425004	0.554371424
32	0.154270592	0.225064714	0.308500645	0.406023161	0.506796428
33	0.130051550	0.193513853	0.270575222	0.362854592	0.461285920
34	0.109426301	0.165937971	0.236577559	0.323075014	0.418222214
35	0.091934593	0.141970968	0.206303450	0.286719053	0.377856735
36	0.077151119	0.121239114	0.179498249	0.253728036	0.340329454
37	0.064691468	0.103377377	0.155879681	0.223974775	0.305688887
38	0.054214035	0.088040146	0.135155087	0.197284679	0.273911177
39	0.045419246	0.074907656	0.117033956	0.173453108	0.244917367
40	0.038047143	0.063689239	0.101236593	0.152259131	0.218588429
41	0.031874046	0.054124330	0.087499756	0.133476109	0.194777912
42	0.026708802	0.045981935	0.075579961	0.116879533	0.173322281
43	0.022388961	0.039059114	0.065255068	0.102252601	0.154049147
44	0.018777095	0.033178889	0.056324629	0.089389973	0.136783632
45	0.015757364	0.028187857	0.048609383	0.078100094	0.121353138
46	0.013232420	0.023953721	0.041950190	0.068206436	0.107590806
47	0.011120649	0.020362854	0.036206636	0.059547921	0.095337891
48	0.009353756	0.017318010	0.031255454	0.051978767	0.084445291
49	0.007874681	0.014736191	0.026988890	0.045367937	0.074774412
50	0.006635797	0.012546733	0.023313080	0.039598312	0.066197523

P(U ≤ U') (CONTINUED)

M = 29

N \ U'	32	33	34	35	36
29	0.746689422	0.822456617	0.884017463	0.927472177	0.958146093
30	0.701700445	0.784573020	0.854400837	0.905744820	0.943437344
31	0.655864750	0.744671410	0.821980779	0.881099708	0.926040794
32	0.609953579	0.703439746	0.787254931	0.853814048	0.906017278
33	0.564638815	0.661532154	0.750754770	0.824232218	0.883508143
34	0.520481428	0.619545040	0.713016352	0.792741883	0.858721633
35	0.477929485	0.578002235	0.674556802	0.759752008	0.831917360
36	0.437323043	0.537347680	0.635856793	0.725673926	0.803390458
37	0.398903504	0.497944035	0.597348686	0.690906004	0.773456578
38	0.362825527	0.460075597	0.559409597	0.655822009	0.742438508
39	0.329169967	0.423954142	0.522358546	0.620762950	0.710654863
40	0.297956821	0.389726523	0.486456751	0.586031984	0.678411025
41	0.269157433	0.357483114	0.451910241	0.551891904	0.645992293
42	0.242705561	0.327266434	0.418874046	0.518564683	0.613659090
43	0.218507071	0.299079476	0.387457333	0.486232585	0.581643973
44	0.196448207	0.272893445	0.357729013	0.455004000	0.550150172
45	0.176402467	0.248654711	0.329723449	0.425098435	0.519351362
46	0.158236189	0.226290921	0.303445996	0.396485939	0.489392396
47	0.141812983	0.205716235	0.278878196	0.369254736	0.460390743
48	0.126997161	0.186835728	0.255982517	0.343432867	0.432438422
49	0.113656307	0.169549031	0.234706582	0.319028118	0.405604241
50	0.101663139	0.153753261	0.214986863	0.296031336	0.379936202

P(U ≤ U') (CONTINUED)

M = 29

N \ U'	37	38	39	40	41
29	0.976891264	0.988346647	0.994375795	0.997549031	0.998976988
30	0.967518679	0.982874893	0.991361221	0.996040400	0.998263010
31	0.956001519	0.975836628	0.987320112	0.993913500	0.997210194
32	0.942269520	0.967082166	0.982100347	0.991035649	0.995726682
33	0.926318533	0.956505347	0.975570703	0.987277500	0.993716239
34	0.908206445	0.944047297	0.967626805	0.982519125	0.991082210
35	0.888045966	0.929696956	0.958195002	0.976655274	0.987731438
36	0.865995442	0.913488879	0.947234215	0.969599545	0.983577876
37	0.842248724	0.895498941	0.934735942	0.961287297	0.978545677
38	0.817024937	0.875838609	0.920722727	0.951677291	0.972571622
39	0.790558785	0.854648389	0.905245445	0.940752151	0.965606845
40	0.763091812	0.832090972	0.888379760	0.928517775	0.957617836
41	0.734864883	0.808344507	0.870222086	0.915001913	0.948586783
42	0.706111986	0.783596318	0.850885343	0.900252092	0.938511322
43	0.677055362	0.758037250	0.830494729	0.884333104	0.927403803
44	0.647901882	0.731856804	0.809183706	0.867324234	0.915290169
45	0.618840563	0.705239079	0.787090305	0.849316384	0.902208550
46	0.590041057	0.678359541	0.764353854	0.830409229	0.888207683
47	0.561652973	0.651382560	0.741112147	0.810708503	0.873345223
48	0.533805860	0.624459666	0.717499098	0.790323485	0.857686043
49	0.506609718	0.597728415	0.693642834	0.769364743	0.841300556
50	0.480155903	0.571311807	0.669664229	0.747942152	0.824263127

P(U ≤ U') (CONTINUED)

M = 29

N \ U'	42	43	44	45	46
29	0.999619568	0.999864360	0.999957615	0.999987287	0.999996728
30	0.999315825	0.999741964	0.999913852	0.999972451	0.999992339
31	0.998842058	0.999541428	0.999837458	0.999945105	0.999983638
32	0.998139214	0.999230597	0.999712009	0.999898009	0.999967635
33	0.997140477	0.998771067	0.999516479	0.999821421	0.999940009
34	0.995773291	0.998118831	0.999225118	0.999702833	0.999894833
35	0.993961779	0.997225292	0.998807601	0.999526832	0.999824333
36	0.991629395	0.996038560	0.998229450	0.999275101	0.999718711
37	0.988701570	0.994504938	0.997452680	0.998926551	0.999566040
38	0.985108221	0.992570482	0.996436644	0.998457592	0.999352241
39	0.980785962	0.990182558	0.995139004	0.997842521	0.999061151
40	0.975679943	0.987291298	0.993516786	0.997053995	0.998674680
41	0.969745251	0.983850897	0.991527438	0.996063577	0.998173039
42	0.962947863	0.979820712	0.989129870	0.994842309	0.997535040
43	0.955265162	0.975166133	0.986285405	0.993361306	0.996738440
44	0.946686054	0.969859207	0.982958624	0.991592331	0.995760327
45	0.937210720	0.963879039	0.979118078	0.989508333	0.994577517
46	0.926850077	0.957211959	0.974736855	0.987083940	0.993166962
47	0.915625009	0.949851503	0.969792989	0.984295889	0.991506137
48	0.903565407	0.941798210	0.964269735	0.981123379	0.989573416
49	0.890709102	0.933059284	0.958155688	0.977548364	0.987348406
50	0.877100725	0.923648132	0.951444782	0.973555754	0.984812249

P(U ≤ U') (CONTINUED)

M = 29

N \ U'	47	48	49	50	51
29	0.999999191	0.999999833	0.999999967	0.999999995	0.999999999
30	0.999997959	0.999999538	0.999999900	0.999999982	0.999999997
31	0.999995365	0.999998861	0.999999735	0.999999948	0.999999990
32	0.999990339	0.999997446	0.999999371	0.999999865	0.999999973
33	0.999981257	0.999994708	0.999998631	0.999999682	0.999999934
34	0.999965789	0.999989744	0.999997230	0.999999309	0.999999850
35	0.999940746	0.999981237	0.999994735	0.999998601	0.999999683
36	0.999901941	0.999967351	0.999990517	0.999997330	0.999999374
37	0.999844079	0.999945624	0.999983703	0.999995162	0.999998829
38	0.999760668	0.999912876	0.999973126	0.999991623	0.999997912
39	0.999643974	0.999865125	0.999957271	0.999986066	0.999996433
40	0.999485022	0.999797517	0.999934234	0.999977636	0.999994129
41	0.999273629	0.999704294	0.999901682	0.999965236	0.999990657
42	0.998998481	0.999578768	0.999856821	0.999947491	0.999985573
43	0.998647256	0.999413335	0.999796375	0.999922725	0.999978319
44	0.998206760	0.999199515	0.999716575	0.999888928	0.999968211
45	0.997663108	0.998928009	0.999613163	0.999843744	0.999954423
46	0.997001910	0.998588785	0.999481403	0.999784452	0.999935976
47	0.996208472	0.998171187	0.999316103	0.999707964	0.999911732
48	0.995268005	0.997664046	0.999111654	0.999610829	0.999880383
49	0.994165827	0.997055820	0.998862066	0.999489235	0.999840449
50	0.992887560	0.996334729	0.998561025	0.999339032	0.999790276

P(U ≤ U') (CONTINUED)

M = 29

N \ U'	52	53	54	55	56
29	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
30	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
31	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
32	0.999999995	0.999999999	1.000000000	1.000000000	1.000000000
33	0.999999988	0.999999998	1.000000000	1.000000000	1.000000000
34	0.999999970	0.999999995	0.999999999	1.000000000	1.000000000
35	0.999999931	0.999999988	0.999999998	1.000000000	1.000000000
36	0.999999854	0.999999974	0.999999995	0.999999999	1.000000000
37	0.999999709	0.999999946	0.999999989	0.999999999	1.000000000
38	0.999999451	0.999999895	0.999999977	0.999999997	0.999999999
39	0.999999013	0.999999807	0.999999955	0.999999994	0.999999999
40	0.999998296	0.999999658	0.999999917	0.999999988	0.999999998
41	0.999997165	0.999999417	0.999999851	0.999999979	0.999999996
42	0.999995437	0.999999042	0.999999742	0.999999963	0.999999992
43	0.999992874	0.999998473	0.999999571	0.999999937	0.999999985
44	0.999989169	0.999997633	0.999999307	0.999999896	0.999999974
45	0.999983937	0.999996424	0.999998912	0.999999834	0.999999957
46	0.999976706	0.999994721	0.999998336	0.999999742	0.999999930
47	0.999966906	0.999992371	0.999997513	0.999999608	0.999999890
48	0.999953862	0.999989188	0.999996362	0.999999418	0.999999831
49	0.999936782	0.999984949	0.999994782	0.999999152	0.999999745
50	0.999914757	0.999979391	0.999992650	0.999998788	0.999999624

P(U ≤ U') (CONTINUED)

M = 29

N \ U'	57	58
29	1.000000000	1.000000000
.	.	.
.	.	.
.	.	.
41	1.000000000	1.000000000
42	0.999999999	1.000000000
43	0.999999999	1.000000000
44	0.999999998	1.000000000
45	0.999999997	0.999999999
46	0.999999994	0.999999999
47	0.999999991	0.999999998
48	0.999999986	0.999999997
49	0.999999979	0.999999995
50	0.999999968	0.999999992

P(U ≤ U') (CONTINUED)

M = 30

N \ U'	2	3	4	5	6
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 30

N \ U'	7	8	9	10	11
30	0.000000000	0.000000000	0.000000002	0.000000011	0.000000059
31	0.000000000	0.000000000	0.000000001	0.000000007	0.000000035
32	0.000000000	0.000000000	0.000000001	0.000000004	0.000000021
33	0.000000000	0.000000000	0.000000000	0.000000002	0.000000013
34	0.000000000	0.000000000	0.000000000	0.000000001	0.000000008
35	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
36	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 30

N \ U'	12	13	14	15	16
30	0.000000297	0.000001251	0.000005067	0.000017605	0.000058802
31	0.000000181	0.000000774	0.000003198	0.000011336	0.000038644
32	0.000000111	0.000000484	0.000002035	0.000007354	0.000025559
33	0.000000068	0.000000305	0.000001305	0.000004805	0.000017011
34	0.000000043	0.000000193	0.000000843	0.000003162	0.000011392
35	0.000000027	0.000000124	0.000000548	0.000002095	0.000007676
36	0.000000017	0.000000080	0.000000359	0.000001398	0.000005203
37	0.000000011	0.000000052	0.000000237	0.000000938	0.000003547
38	0.000000007	0.000000034	0.000000158	0.000000634	0.000002432
39	0.000000005	0.000000022	0.000000105	0.000000431	0.000001677
40	0.000000003	0.000000015	0.000000071	0.000000295	0.000001162
41	0.000000002	0.000000010	0.000000048	0.000000203	0.000000810
42	0.000000001	0.000000007	0.000000033	0.000000140	0.000000568
43	0.000000001	0.000000005	0.000000022	0.000000098	0.000000400
44	0.000000001	0.000000003	0.000000015	0.000000068	0.000000283
45	0.000000000	0.000000002	0.000000011	0.000000048	0.000000201
46	0.000000000	0.000000001	0.000000007	0.000000034	0.000000144
47	0.000000000	0.000000001	0.000000005	0.000000024	0.000000103
48	0.000000000	0.000000001	0.000000004	0.000000017	0.000000074
49	0.000000000	0.000000000	0.000000003	0.000000012	0.000000054
50	0.000000000	0.000000000	0.000000002	0.000000009	0.000000039

P(U ≤ U') (CONTINUED)

M = 30

N \ U'	17	18	19	20	21
30	0.000172092	0.000483639	0.001210583	0.002906785	0.006299190
31	0.000115447	0.000331348	0.000847111	0.002078546	0.004602987
32	0.000077899	0.000228091	0.000595227	0.001490816	0.003371552
33	0.000052867	0.000157763	0.000420003	0.001072689	0.002475963
34	0.000036083	0.000109642	0.000297624	0.000774391	0.001823277
35	0.000024767	0.000076562	0.000211806	0.000560946	0.001346511
36	0.000017093	0.000053716	0.000151378	0.000407739	0.000997371
37	0.000011861	0.000037865	0.000108651	0.000297415	0.000741009
38	0.000008275	0.000026815	0.000078314	0.000217706	0.000552246
39	0.000005803	0.000019076	0.000056684	0.000159922	0.000412854
40	0.000004090	0.000013632	0.000041199	0.000117889	0.000309616
41	0.000002897	0.000009785	0.000030066	0.000087210	0.000232926
42	0.000002062	0.000007054	0.000022030	0.000064739	0.000175782
43	0.000001475	0.000005107	0.000016206	0.000048225	0.000133073
44	0.000001060	0.000003713	0.000011969	0.000036046	0.000101055
45	0.000000765	0.000002711	0.000008873	0.000027034	0.000076977
46	0.000000555	0.000001987	0.000006603	0.000020343	0.000058816
47	0.000000404	0.000001462	0.000004932	0.000015359	0.000045076
48	0.000000296	0.000001080	0.000003697	0.000011633	0.000034649
49	0.000000217	0.000000801	0.000002781	0.000008840	0.000026712
50	0.000000160	0.000000596	0.000002100	0.000006738	0.000020654

P(U ≤ U') (CONTINUED)

M = 30

N \ U'	22	23	24	25	26
30	0.013083999	0.024803214	0.045045496	0.075408918	0.120954051
31	0.009775014	0.018943606	0.035186334	0.060227207	0.098803686
32	0.007312144	0.014476856	0.027471039	0.048045161	0.080530617
33	0.005478319	0.011073618	0.021445392	0.038299524	0.065525430
34	0.004111758	0.008480675	0.016745682	0.030520694	0.053249463
35	0.003092210	0.006504260	0.013083095	0.024321938	0.043236089
36	0.002330451	0.004996610	0.010229774	0.019387812	0.035087305
37	0.001760333	0.003845314	0.008006851	0.015462939	0.028467743
38	0.001332839	0.002964989	0.006274447	0.012341786	0.023097524
39	0.001011632	0.002290840	0.004923484	0.009859692	0.018744867
40	0.000769761	0.001773713	0.003869083	0.007885209	0.015219004
41	0.000587215	0.001376316	0.003045284	0.006313682	0.012363694
42	0.000449119	0.001070338	0.002400877	0.005061955	0.010051476
43	0.000344394	0.000834275	0.001896119	0.004064051	0.008178697
44	0.000264781	0.000651770	0.001500169	0.003267668	0.006661264
45	0.000204106	0.000510370	0.001189090	0.002631368	0.005431086
46	0.000157747	0.000400577	0.000944288	0.002122329	0.004433100
47	0.000122236	0.000315137	0.000751316	0.001714546	0.003622830
48	0.000094965	0.000248499	0.000598933	0.001387411	0.002964367
49	0.000073969	0.000196407	0.000478385	0.001124585	0.002428734
50	0.000057762	0.000155594	0.000382847	0.000913102	0.001992549

P(U ≤ U') (CONTINUED)

M = 30

N \ U'	27	28	29	30	31
30	0.180513072	0.258397945	0.347409228	0.449136409	0.550863591
31	0.150733562	0.220582098	0.302903587	0.399836249	0.500000000
32	0.125510479	0.187598067	0.262990137	0.354220878	0.451533669
33	0.104269989	0.159044001	0.227511516	0.312467127	0.405918298
34	0.086468435	0.134481280	0.196212080	0.274600399	0.363440493
35	0.071607316	0.113464668	0.168776169	0.240531630	0.324246334
36	0.059240371	0.095562867	0.144857682	0.210089919	0.288368603
37	0.048975318	0.080371531	0.124101970	0.183049962	0.255752485
38	0.040472177	0.067520630	0.106161277	0.159154165	0.226278489
39	0.033439579	0.056677728	0.090705018	0.138129813	0.199782045
40	0.027630042	0.047548455	0.077426076	0.119701893	0.176069648
41	0.022834868	0.039875139	0.066044125	0.103602272	0.154931740
42	0.018879091	0.033434322	0.056306828	0.089575927	0.136152666
43	0.015616712	0.028033692	0.047989553	0.077384853	0.119518117
44	0.012926366	0.023508765	0.040894136	0.066810216	0.104820467
45	0.010707476	0.019719584	0.034847050	0.057653201	0.091862427
46	0.008876891	0.016547559	0.029697275	0.049734936	0.080459351
47	0.007366002	0.013892560	0.025314036	0.042895783	0.070440520
48	0.006118278	0.011670282	0.021584574	0.036994218	0.061649647
49	0.005087192	0.009809909	0.018412001	0.031905478	0.053944825
50	0.004234479	0.008252068	0.015713305	0.027520098	0.047198086

P(U ≤ U') (CONTINUED)

M = 30

N \ U'	32	33	34	35	36
30	0.652590772	0.741602055	0.819486928	0.879045949	0.924591082
31	0.603394840	0.697096413	0.781912493	0.849266438	0.902680025
32	0.554928509	0.651861171	0.742331656	0.816836761	0.877880860
33	0.507865031	0.606625929	0.701404532	0.782245105	0.850459463
34	0.462732363	0.562024233	0.659764667	0.746006227	0.820748912
35	0.419920281	0.518584040	0.617995251	0.708634885	0.789127007
36	0.379693735	0.476726688	0.576613551	0.670624716	0.755995149
37	0.342209539	0.436771943	0.536062466	0.632432680	0.721759794
38	0.307534250	0.398946981	0.496707819	0.594468656	0.686817129
39	0.275661716	0.363397586	0.458839985	0.557089513	0.651541160
40	0.246529343	0.330200230	0.422678579	0.520596831	0.616275123
41	0.220032528	0.299374114	0.388379097	0.485237462	0.581325887
42	0.196037045	0.270892519	0.356040620	0.451206145	0.546960930
43	0.174389344	0.244693103	0.325713899	0.418649518	0.513407404
44	0.154924888	0.220686941	0.297409337	0.387670978	0.480852849
45	0.137476727	0.198766257	0.271104515	0.358335945	0.449447108
46	0.121970519	0.178810875	0.246751073	0.330677199	0.419305069
47	0.107948248	0.160693489	0.224280808	0.304700064	0.390509941
48	0.095550862	0.144283859	0.203610985	0.280387266	0.363116788
49	0.084530041	0.129452077	0.184648834	0.257703365	0.337156136
50	0.074747270	0.116071045	0.167295308	0.236598722	0.312637507

P(U ≤ U') (CONTINUED)

M = 30

N \ U'	37	38	39	40	41
30	0.954954504	0.975196786	0.986916001	0.993700810	0.997093215
31	0.939772793	0.965490446	0.981056394	0.990460078	0.995397013
32	0.921968264	0.953620760	0.973611810	0.986150056	0.993046091
33	0.901620231	0.939517097	0.964449245	0.980615775	0.989911530
34	0.878882112	0.923174074	0.953479100	0.973723348	0.985869897
35	0.853967884	0.904648109	0.940657743	0.965366107	0.980808835
36	0.827137176	0.884050798	0.925987151	0.955468723	0.974631744
37	0.798680365	0.861540186	0.909512155	0.943989287	0.967261351
38	0.768904660	0.837310936	0.891315891	0.930919525	0.958642068
39	0.738121836	0.811584228	0.871514075	0.916283399	0.948741160
40	0.706637954	0.784598043	0.850248645	0.900134464	0.937548829
41	0.674745190	0.756598293	0.827681251	0.882552306	0.925077374
42	0.642715715	0.727831079	0.803986932	0.863638420	0.911359610
43	0.610797453	0.698536236	0.779348273	0.843511816	0.896446738
44	0.579211491	0.668942182	0.753950205	0.822304609	0.880405853
45	0.548150867	0.639262030	0.727975531	0.800157782	0.863317251
46	0.517780480	0.609690863	0.701601247	0.777217269	0.845271689
47	0.488237856	0.580404020	0.674995610	0.753630453	0.826367683
48	0.459634564	0.551556255	0.648315931	0.729543131	0.806708972
49	0.432058057	0.523281609	0.621707020	0.705096970	0.786402172
50	0.405573800	0.495693841	0.595300202	0.680427443	0.765554684

P(U ≤ U') (CONTINUED)

M = 30

N \ U'	42	43	44	45	46
30	0.998789417	0.999516361	0.999827908	0.999941198	0.999982395
31	0.997983026	0.999152889	0.999680647	0.999884553	0.999963063
32	0.996807565	0.998598743	0.999443156	0.999788597	0.999928170
33	0.995165652	0.997792713	0.999079437	0.999635068	0.999869018
34	0.992955384	0.996666830	0.998546653	0.999401118	0.999773975
35	0.990074472	0.995148511	0.997795836	0.999059332	0.999628179
36	0.986424373	0.993163018	0.996773006	0.998578000	0.999413369
37	0.981914132	0.990636026	0.995420607	0.997921639	0.999107899
38	0.976463703	0.987496144	0.993679160	0.997051715	0.998686893
39	0.970006589	0.983677222	0.991489013	0.995927530	0.998122579
40	0.962491738	0.979120345	0.988792085	0.994507204	0.997384747
41	0.953884678	0.973775435	0.985533519	0.992748706	0.996441327
42	0.944167929	0.967602442	0.981663150	0.990610873	0.995259041
43	0.933340775	0.960572088	0.977136757	0.988054381	0.993804101
44	0.921418495	0.952666223	0.971917055	0.985042622	0.992042925
45	0.908431158	0.943877799	0.965974407	0.981542471	0.989942834
46	0.894422103	0.934210534	0.959287276	0.977524906	0.987472705
47	0.879446203	0.923678302	0.951842414	0.972965499	0.984603561
48	0.863568013	0.912304334	0.943634825	0.967844751	0.981309094
49	0.846859886	0.900120253	0.934667519	0.962148298	0.977566086
50	0.829400115	0.887165029	0.924951100	0.955866977	0.973354745

P(U ≤ U') (CONTINUED)

M = 30

N \ U'	47	48	49	50	51
30	0.999994933	0.999998749	0.999999703	0.999999941	0.999999989
31	0.999988664	0.999996975	0.999999226	0.999999832	0.999999965
32	0.999976717	0.999993339	0.999998187	0.999999572	0.999999904
33	0.999955477	0.999986435	0.999996109	0.999999011	0.999999766
34	0.999919876	0.999974148	0.999992239	0.999997893	0.999999476
35	0.999863137	0.999953464	0.999985455	0.999995805	0.999998910
36	0.999776573	0.999920276	0.999974164	0.999992127	0.999997875
37	0.999649452	0.999869213	0.999956201	0.999985961	0.999996079
38	0.999468934	0.999793497	0.999928731	0.999976063	0.999993103
39	0.999220103	0.999684839	0.999888161	0.999960776	0.999988370
40	0.998886074	0.999533385	0.999830069	0.999937954	0.999981108
41	0.998448187	0.999327715	0.999749155	0.999904905	0.999970320
42	0.997886266	0.999054898	0.999639214	0.999858333	0.999954745
43	0.997178936	0.998700601	0.999493135	0.999794298	0.999932833
44	0.996303979	0.998249243	0.999302927	0.999708190	0.999902717
45	0.995238715	0.997684190	0.999059769	0.999594717	0.999862190
46	0.993960399	0.996987990	0.998754085	0.999447908	0.999808696
47	0.992446604	0.996142624	0.998375636	0.999261141	0.999739313
48	0.990675594	0.995129772	0.997913633	0.999027178	0.999650763
49	0.988626672	0.993931091	0.997356861	0.998738220	0.999539408
50	0.986280487	0.992528480	0.996693809	0.998385974	0.999401272

P(U ≤ U') (CONTINUED)

M = 30

N \ U'	52	53	54	55	56
30	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
31	0.999999994	0.999999999	1.000000000	1.000000000	1.000000000
32	0.999999982	0.999999997	1.000000000	1.000000000	1.000000000
33	0.999999952	0.999999991	0.999999999	1.000000000	1.000000000
34	0.999999883	0.999999977	0.999999996	0.999999999	1.000000000
35	0.999999738	0.999999945	0.999999989	0.999999998	1.000000000
36	0.999999456	0.999999882	0.999999975	0.999999996	0.999999999
37	0.999998936	0.999999760	0.999999946	0.999999991	0.999999998
38	0.999998026	0.999999540	0.999999890	0.999999980	0.999999996
39	0.999996503	0.999999162	0.999999787	0.999999961	0.999999992
40	0.999994055	0.999998536	0.999999608	0.999999926	0.999999984
41	0.999990256	0.999997540	0.999999309	0.999999867	0.999999968
42	0.999984545	0.999996006	0.999998828	0.999999768	0.999999942
43	0.999976200	0.999993714	0.999998077	0.999999612	0.999999899
44	0.999964317	0.999990378	0.999996939	0.999999369	0.999999828
45	0.999947782	0.999985640	0.999995262	0.999999005	0.999999717
46	0.999925258	0.999979056	0.999992850	0.999998470	0.999999549
47	0.999895162	0.999970089	0.999989455	0.999997704	0.999999298
48	0.999855655	0.999958101	0.999984773	0.999996628	0.999998933
49	0.999804629	0.999942340	0.999978435	0.999995146	0.999998414
50	0.999739705	0.999921939	0.999970000	0.999993141	0.999997690

P(U ≤ U') (CONTINUED)

M = 30

N \ U'	57	58	59	60
30	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.
38	1.000000000	1.000000000	1.000000000	1.000000000
39	0.999999999	1.000000000	1.000000000	1.000000000
40	0.999999998	1.000000000	1.000000000	1.000000000
41	0.999999996	0.999999999	1.000000000	1.000000000
42	0.999999992	0.999999998	1.000000000	1.000000000
43	0.999999986	0.999999997	1.000000000	1.000000000
44	0.999999976	0.999999994	1.000000000	1.000000000
45	0.999999959	0.999999990	0.999999999	1.000000000
46	0.999999934	0.999999983	0.999999999	1.000000000
47	0.999999895	0.999999973	0.999999998	1.000000000
48	0.999999838	0.999999956	0.999999997	0.999999999
49	0.999999756	0.999999931	0.999999995	0.999999999
50	0.999999639	0.999999895	0.999999992	0.999999998

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	2	3	4	5	6
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	7	8	9	10	11
31	0.000000000	0.000000000	0.000000001	0.000000004	0.000000021
32	0.000000000	0.000000000	0.000000000	0.000000002	0.000000012
33	0.000000000	0.000000000	0.000000000	0.000000001	0.000000007
34	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	12	13	14	15	16
31	0.000000108	0.000000471	0.000001986	0.000007181	0.000024990
32	0.000000065	0.000000290	0.000001244	0.000004584	0.000016268
33	0.000000040	0.000000180	0.000000785	0.000002948	0.000010663
34	0.000000024	0.000000112	0.000000499	0.000001910	0.000007030
35	0.000000015	0.000000071	0.000000320	0.000001246	0.000004665
36	0.000000009	0.000000045	0.000000207	0.000000819	0.000003115
37	0.000000006	0.000000029	0.000000134	0.000000542	0.000002093
38	0.000000004	0.000000019	0.000000088	0.000000361	0.000001414
39	0.000000002	0.000000012	0.000000058	0.000000242	0.000000961
40	0.000000002	0.000000008	0.000000038	0.000000163	0.000000657
41	0.000000001	0.000000005	0.000000026	0.000000111	0.000000452
42	0.000000001	0.000000003	0.000000017	0.000000075	0.000000312
43	0.000000000	0.000000002	0.000000012	0.000000052	0.000000217
44	0.000000000	0.000000002	0.000000008	0.000000036	0.000000151
45	0.000000000	0.000000001	0.000000005	0.000000025	0.000000106
46	0.000000000	0.000000001	0.000000004	0.000000017	0.000000075
47	0.000000000	0.000000000	0.000000003	0.000000012	0.000000053
48	0.000000000	0.000000000	0.000000002	0.000000009	0.000000038
49	0.000000000	0.000000000	0.000000001	0.000000006	0.000000027
50	0.000000000	0.000000000	0.000000001	0.000000004	0.000000019

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	17	18	19	20	21
31	0.000076192	0.000223397	0.000583232	0.001462828	0.003309981
32	0.000050591	0.000151369	0.000403315	0.001032867	0.002386405
33	0.000033795	0.000103080	0.000280141	0.000731777	0.001725375
34	0.000022709	0.000070548	0.000195460	0.000520290	0.001251157
35	0.000015349	0.000048524	0.000136990	0.000371262	0.000910086
36	0.000010435	0.000033541	0.000096443	0.000265893	0.000664101
37	0.000007134	0.000023299	0.000068202	0.000191136	0.000486178
38	0.000004904	0.000016262	0.000048444	0.000137909	0.000357097
39	0.000003389	0.000011405	0.000034562	0.000099875	0.000263159
40	0.000002355	0.000008036	0.000024765	0.000072600	0.000194580
41	0.000001645	0.000005689	0.000017821	0.000052969	0.000144353
42	0.000001155	0.000004046	0.000012878	0.000038788	0.000107448
43	0.000000815	0.000002890	0.000009345	0.000028507	0.000080243
44	0.000000578	0.000002073	0.000006809	0.000021026	0.000060123
45	0.000000411	0.000001494	0.000004981	0.000015564	0.000045195
46	0.000000294	0.000001081	0.000003658	0.000011561	0.000034084
47	0.000000212	0.000000785	0.000002697	0.000008617	0.000025786
48	0.000000153	0.000000573	0.000001996	0.000006445	0.000019570
49	0.000000111	0.000000420	0.000001483	0.000004837	0.000014898
50	0.000000081	0.000000308	0.000001106	0.000003642	0.000011377

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	22	23	24	25	26
31	0.007189001	0.014241764	0.027064970	0.047368381	0.079515446
32	0.005294936	0.010715382	0.020811113	0.037216675	0.063858187
33	0.003906774	0.008071262	0.016003622	0.029224222	0.051203469
34	0.002888301	0.006088172	0.012312024	0.022944437	0.041010895
35	0.002140011	0.004599860	0.009478901	0.018017221	0.032823754
36	0.001589298	0.003481747	0.007304875	0.014154648	0.026261222
37	0.001183216	0.002640658	0.005636192	0.011128004	0.021009105
38	0.000883149	0.002006988	0.004354658	0.008756540	0.016810353
39	0.000660919	0.001528759	0.003369630	0.006897968	0.013456073
40	0.000495943	0.001167159	0.002611706	0.005440611	0.010777410
41	0.000373165	0.000893193	0.002027799	0.004297011	0.008638455
42	0.000281560	0.000685182	0.001577324	0.003398781	0.006930178
43	0.000213032	0.000526899	0.001229256	0.002692502	0.005565341
44	0.000161634	0.000406181	0.000959873	0.002136469	0.004474280
45	0.000122978	0.000313899	0.000751024	0.001698129	0.003601446
46	0.000093828	0.000243187	0.000588814	0.001352072	0.002902589
47	0.000071785	0.000188875	0.000462590	0.001078451	0.002342485
48	0.000055072	0.000147057	0.000364182	0.000861759	0.001893102
49	0.000042366	0.000114782	0.000287308	0.000689869	0.001532132
50	0.000032680	0.000089811	0.000227137	0.000553286	0.001241822

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	27	28	29	30	31
31	0.124026768	0.185657830	0.260495547	0.351369918	0.448302580
32	0.101771107	0.155684699	0.223076688	0.307247908	0.399836249
33	0.083326984	0.130146682	0.190343436	0.267500387	0.354944932
34	0.068110582	0.108519583	0.161917191	0.232014437	0.313794558
35	0.055603034	0.090297631	0.137383155	0.200576885	0.276409360
36	0.045352358	0.075009883	0.116318578	0.172909978	0.242706038
37	0.036970884	0.062229083	0.098312224	0.148699754	0.212523958
38	0.030130121	0.051575186	0.082976889	0.127617637	0.185650609
39	0.024554404	0.042715311	0.069956671	0.109336188	0.161842210
40	0.020014178	0.035361423	0.058930406	0.093540010	0.140839801
41	0.016319471	0.029266735	0.049612436	0.079932815	0.122381346
42	0.013313856	0.024221483	0.041751597	0.068241548	0.106210477
43	0.010869043	0.020048527	0.035129109	0.058218323	0.092082503
44	0.008880155	0.016599081	0.029555851	0.049640813	0.079768256
45	0.007261670	0.013748714	0.024869360	0.042311564	0.069056276
46	0.005943989	0.011393738	0.020930797	0.036056630	0.059753767
47	0.004870554	0.009448004	0.017622022	0.030723804	0.051686657
48	0.003995453	0.007840102	0.014842856	0.026180647	0.044699039
49	0.003281447	0.006510952	0.012508604	0.022312459	0.038652217
50	0.002698342	0.005411746	0.010547833	0.019020301	0.033423495

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	32	33	34	35	36
31	0.551697420	0.648630082	0.739504453	0.814342170	0.875973232
32	0.501589901	0.600163751	0.695557800	0.776923312	0.846240787
33	0.453705829	0.552466727	0.650841839	0.737643409	0.813892632
34	0.408503726	0.506172556	0.606061132	0.697136010	0.779397190
35	0.366284887	0.461777633	0.561834372	0.656005420	0.743252126
36	0.327215861	0.419648480	0.518683430	0.614805586	0.705958862
37	0.291352449	0.380034501	0.477030495	0.574026490	0.668001848
38	0.258663032	0.343083646	0.437201222	0.534086963	0.629832871
39	0.229049918	0.308859072	0.399431961	0.495332666	0.591860174
40	0.202367985	0.277355459	0.363879468	0.458037948	0.554441860
41	0.178440358	0.248514123	0.330631816	0.422410415	0.517882889
42	0.157071182	0.222236461	0.299719567	0.388597247	0.482434918
43	0.138055693	0.198395505	0.271126529	0.356692438	0.448298295
44	0.121187911	0.176845572	0.244799694	0.326744370	0.415625539
45	0.106266311	0.157430109	0.220658098	0.298763261	0.384525793
46	0.093097825	0.139987905	0.198600506	0.272728207	0.355069784
47	0.081500491	0.124357878	0.178511914	0.248593607	0.327294973
48	0.071305056	0.110382643	0.160268925	0.226294886	0.301210617
49	0.062355760	0.097911073	0.143744094	0.205753476	0.276802589
50	0.054510524	0.086800038	0.128809354	0.186881056	0.254037817

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	37	38	39	40	41
31	0.920484554	0.952631619	0.972935030	0.985758236	0.992810999
32	0.898228893	0.937166486	0.962783325	0.979609542	0.989284618
33	0.873197582	0.919088318	0.950487242	0.971843596	0.984657408
34	0.845663141	0.898472787	0.935995431	0.962327111	0.978784411
35	0.815957715	0.875468585	0.919318701	0.950969911	0.971543199
36	0.784451960	0.850284881	0.900525794	0.937727777	0.962839116
37	0.751535499	0.823177207	0.879736451	0.922602403	0.952608570
38	0.717599953	0.794433089	0.857112753	0.905638945	0.940820433
39	0.683025042	0.764358405	0.832849658	0.886921699	0.927475731
40	0.648167886	0.733265167	0.807165438	0.866568526	0.912605919
41	0.613355362	0.701461133	0.780292612	0.844724533	0.896270070
42	0.578879191	0.669241393	0.752469737	0.821555520	0.878551292
43	0.544993366	0.636881956	0.723934305	0.797241546	0.859552701
44	0.511913473	0.604635187	0.694916855	0.771970911	0.839393210
45	0.479817495	0.572726905	0.665636314	0.745934751	0.818203345
46	0.448847692	0.541354896	0.636296501	0.719322357	0.796121274
47	0.419113233	0.510688589	0.607083699	0.692317271	0.773289164
48	0.390693296	0.480869638	0.578165166	0.665094161	0.749849932
49	0.363640393	0.452013209	0.549688426	0.637816442	0.725944458
50	0.337983769	0.424209734	0.521781221	0.610634571	0.701709254

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	42	43	44	45	46
31	0.996690019	0.998537172	0.999416768	0.999776603	0.999923808
32	0.994837270	0.997613595	0.998998611	0.999596685	0.999854230
33	0.992292304	0.996291535	0.998369058	0.999313387	0.999738335
34	0.988922107	0.994473703	0.997462140	0.998888439	0.999555280
35	0.984599323	0.992059966	0.996204767	0.998277168	0.999279114
36	0.979207988	0.988951365	0.994519008	0.997429368	0.998878795
37	0.972648403	0.985054014	0.992324702	0.996290531	0.998318512
38	0.964840898	0.980282625	0.989542215	0.994803345	0.997558264
39	0.955728372	0.974563467	0.986095158	0.992909338	0.996554687
40	0.945277618	0.967836648	0.981912889	0.990550583	0.995262053
41	0.933479504	0.960057672	0.976932699	0.987671352	0.993633397
42	0.920348191	0.951198283	0.971101568	0.984219642	0.991621690
43	0.905919531	0.941246640	0.964377485	0.980148516	0.989181015
44	0.890248887	0.930206919	0.956730287	0.975417206	0.986267675
45	0.873408520	0.918098424	0.948142057	0.969991972	0.982841211
46	0.855484762	0.904954335	0.938607105	0.963846683	0.978865275
47	0.836575091	0.890820171	0.928131602	0.956963162	0.974308352
48	0.816785258	0.875752093	0.916732905	0.949331278	0.969144316
49	0.796226551	0.859815111	0.904438662	0.940948840	0.963352812
50	0.775013267	0.843081279	0.891285732	0.931821295	0.956919481

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	47	48	49	50	51
31	0.999975010	0.999992819	0.999998014	0.999999529	0.999999892
32	0.999949409	0.999984462	0.999995416	0.999998824	0.999999710
33	0.999904619	0.999968883	0.999990304	0.999997333	0.999999301
34	0.999830715	0.999941645	0.999980933	0.999994414	0.999998458
35	0.999714742	0.999896570	0.999964755	0.999989062	0.999996840
36	0.999540491	0.999825445	0.999938239	0.999979794	0.999993923
37	0.999288416	0.999717781	0.999896683	0.999964517	0.999988937
38	0.998935724	0.999560658	0.999834067	0.999940393	0.999980797
39	0.998456608	0.999338658	0.999742931	0.999903721	0.999968038
40	0.997822634	0.999033900	0.999614299	0.999849823	0.999948743
41	0.997003248	0.998626186	0.999437656	0.999772950	0.999920480
42	0.995966371	0.998093235	0.999200977	0.999666229	0.999880245
43	0.994679058	0.997411005	0.998890809	0.999521624	0.999824414
44	0.993108189	0.996554084	0.998492400	0.999329945	0.999748717
45	0.991221150	0.995496134	0.997989874	0.999080885	0.999648211
46	0.988986500	0.994210358	0.997366439	0.998763095	0.999517290
47	0.986374571	0.992669990	0.996604626	0.998364283	0.999349691
48	0.983358016	0.990848768	0.995686544	0.997871347	0.999138532
49	0.979912271	0.988721394	0.994594143	0.997270526	0.998876356
50	0.976015928	0.986263958	0.993309479	0.996547572	0.998555190

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	52	53	54	55	56
31	0.999999979	0.999999996	0.999999999	1.000000000	1.000000000
32	0.999999939	0.999999988	0.999999998	1.000000000	1.000000000
33	0.999999841	0.999999966	0.999999994	0.999999999	1.000000000
34	0.999999623	0.999999914	0.999999983	0.999999997	1.000000000
35	0.999999174	0.999999802	0.999999957	0.999999992	0.999999999
36	0.999998312	0.999999578	0.999999902	0.999999980	0.999999996
37	0.999996751	0.999999156	0.999999791	0.999999956	0.999999991
38	0.999994066	0.999998404	0.999999582	0.999999909	0.999999980
39	0.999989648	0.999997128	0.999999206	0.999999822	0.999999959
40	0.999982658	0.999995050	0.999998562	0.999999668	0.999999918
41	0.999971981	0.999991789	0.999997503	0.999999408	0.999999847
42	0.999956176	0.999986837	0.999995823	0.999998985	0.999999724
43	0.999933419	0.999979536	0.999993243	0.999998319	0.999999522
44	0.999901485	0.999969055	0.999989394	0.999997304	0.999999201
45	0.999857686	0.999954366	0.999983804	0.999995797	0.999998705
46	0.999798856	0.999934224	0.999975876	0.999993616	0.999997959
47	0.999721331	0.999907151	0.999964876	0.999990531	0.999996866
48	0.999620937	0.999871416	0.999949914	0.999986255	0.999995300
49	0.999492995	0.999825031	0.999929932	0.999980441	0.999993104
50	0.999332332	0.999765739	0.999903693	0.999972670	0.999990080

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	57	58	59	60	61
31	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.	.
.	.	.	.	.	.
35	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
36	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
37	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
38	0.999999997	0.999999999	1.000000000	1.000000000	1.000000000
39	0.999999993	0.999999999	1.000000000	1.000000000	1.000000000
40	0.999999986	0.999999997	1.000000000	1.000000000	1.000000000
41	0.999999972	0.999999994	0.999999999	1.000000000	1.000000000
42	0.999999949	0.999999988	0.999999998	1.000000000	1.000000000
43	0.999999909	0.999999978	0.999999997	0.999999999	1.000000000
44	0.999999845	0.999999961	0.999999995	0.999999999	1.000000000
45	0.999999743	0.999999932	0.999999991	0.999999998	1.000000000
46	0.999999587	0.999999886	0.999999984	0.999999996	1.000000000
47	0.999999355	0.999999815	0.999999974	0.999999994	1.000000000
48	0.999999015	0.999999707	0.999999958	0.999999989	0.999999999
49	0.999998531	0.999999548	0.999999934	0.999999983	0.999999999
50	0.999997852	0.999999318	0.999999899	0.999999972	0.999999998

P(U ≤ U') (CONTINUED)

M = 31

N \ U'	62
31	1.000000000
.	.
.	.
50	1.000000000

P(U ≤ U') (CONTINUED)

M = 32

N \ U'	2	3	4	5	6
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 32

N \ U'	7	8	9	10	11
32	0.000000000	0.000000000	0.000000000	0.000000001	0.000000007
33	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 32

N \ U'	12	13	14	15	16
32	0.000000039	0.000000175	0.000000767	0.000002880	0.000010426
33	0.000000023	0.000000107	0.000000477	0.000001823	0.000006727
34	0.000000014	0.000000066	0.000000299	0.000001163	0.000004369
35	0.000000009	0.000000041	0.000000188	0.000000747	0.000002857
36	0.000000005	0.000000026	0.000000120	0.000000484	0.000001880
37	0.000000003	0.000000016	0.000000077	0.000000315	0.000001244
38	0.000000002	0.000000010	0.000000050	0.000000207	0.000000829
39	0.000000001	0.000000007	0.000000032	0.000000137	0.000000556
40	0.000000001	0.000000004	0.000000021	0.000000091	0.000000374
41	0.000000001	0.000000003	0.000000014	0.000000061	0.000000254
42	0.000000000	0.000000002	0.000000009	0.000000041	0.000000173
43	0.000000000	0.000000001	0.000000006	0.000000028	0.000000119
44	0.000000000	0.000000001	0.000000004	0.000000019	0.000000082
45	0.000000000	0.000000001	0.000000003	0.000000013	0.000000057
46	0.000000000	0.000000000	0.000000002	0.000000009	0.000000039
47	0.000000000	0.000000000	0.000000001	0.000000006	0.000000028
48	0.000000000	0.000000000	0.000000001	0.000000004	0.000000019
49	0.000000000	0.000000000	0.000000001	0.000000003	0.000000014
50	0.000000000	0.000000000	0.000000000	0.000000002	0.000000010

P(U ≤ U') (CONTINUED)

M = 32

N \ U'	17	18	19	20	21
32	0.000033064	0.000100980	0.000274543	0.000718091	0.001693897
33	0.000021745	0.000067719	0.000187761	0.000501064	0.001205994
34	0.000014389	0.000045651	0.000129017	0.000350940	0.000861361
35	0.000009580	0.000030936	0.000089071	0.000246735	0.000617247
36	0.000006416	0.000021072	0.000061783	0.000174146	0.000443816
37	0.000004322	0.000014427	0.000043056	0.000123392	0.000320217
38	0.000002929	0.000009927	0.000030145	0.000087774	0.000231847
39	0.000001995	0.000006865	0.000021202	0.000062682	0.000168455
40	0.000001367	0.000004770	0.000014980	0.000044938	0.000122827
41	0.000000942	0.000003331	0.000010632	0.000032342	0.000089874
42	0.000000652	0.000002337	0.000007579	0.000023366	0.000065993
43	0.000000454	0.000001647	0.000005426	0.000016946	0.000048626
44	0.000000318	0.000001166	0.000003901	0.000012336	0.000035954
45	0.000000223	0.000000829	0.000002817	0.000009014	0.000026676
46	0.000000158	0.000000592	0.000002042	0.000006610	0.000019859
47	0.000000112	0.000000425	0.000001486	0.000004865	0.000014834
48	0.000000080	0.000000306	0.000001086	0.000003594	0.000011117
49	0.000000057	0.000000222	0.000000797	0.000002664	0.000008353
50	0.000000041	0.000000161	0.000000587	0.000001981	0.000006305

P(U ≤ U') (CONTINUED)

M = 32

N \ U'	22	23	24	25	26
32	0.003840671	0.007939056	0.015763248	0.028803567	0.050537431
33	0.002791304	0.005889863	0.011942864	0.022283407	0.039937993
34	0.002033112	0.004376613	0.009053932	0.017239240	0.031531047
35	0.001484400	0.003258124	0.006870070	0.013341474	0.024879636
36	0.001086530	0.002430386	0.005219021	0.010331519	0.019626969
37	0.000797416	0.001816887	0.003970198	0.008007656	0.015484432
38	0.000586842	0.001361378	0.003024871	0.006213230	0.012220285
39	0.000433094	0.001022519	0.002308536	0.004826987	0.009649552
40	0.000320546	0.000769908	0.001765041	0.003755306	0.007625265
41	0.000237938	0.000581176	0.001352087	0.002926029	0.006031084
42	0.000177137	0.000439843	0.001037819	0.002283603	0.004775172
43	0.000132263	0.000333750	0.000798243	0.001785290	0.003785189
44	0.000099048	0.000253916	0.000615273	0.001398213	0.003004243
45	0.000074394	0.000193689	0.000475266	0.001097082	0.002387642
46	0.000056041	0.000148140	0.000367923	0.000862434	0.001900298
47	0.000042339	0.000113603	0.000285455	0.000679282	0.001514673
48	0.000032080	0.000087348	0.000221965	0.000536072	0.001209159
49	0.000024377	0.000067337	0.000172983	0.000423891	0.000966792
50	0.000018577	0.000052046	0.000135112	0.000335853	0.000774254

P(U ≤ U') (CONTINUED)

M = 32

N \ U'	27	28	29	30	31
32	0.082302310	0.128727903	0.188417951	0.265162298	0.352139225
33	0.066419871	0.106116572	0.158572927	0.227839620	0.308650761
34	0.053518443	0.087260639	0.133053619	0.195029081	0.269399635
35	0.043074430	0.071612606	0.111362207	0.166400118	0.234280207
36	0.034642696	0.058678860	0.093016237	0.141579099	0.203092058
37	0.027849867	0.048023888	0.077564418	0.120176889	0.175573103
38	0.022386070	0.039269804	0.064595405	0.101808532	0.151426035
39	0.017996299	0.032093028	0.053741576	0.086106514	0.130338596
40	0.014472117	0.026219391	0.044679393	0.072729006	0.111998465
41	0.011644070	0.021418565	0.037127574	0.061364331	0.096103684
42	0.009374991	0.017498388	0.030843970	0.051732707	0.082369521
43	0.007554229	0.014299450	0.025621786	0.043586100	0.070532570
44	0.006092764	0.011690115	0.021285572	0.036706843	0.060352793
45	0.004919126	0.009562090	0.017687276	0.030905508	0.051614072
46	0.003976025	0.007826559	0.014702514	0.026018370	0.044123741
47	0.003217586	0.006410856	0.012227170	0.021904734	0.037711422
48	0.002607108	0.005255644	0.010174353	0.018444272	0.032227469
49	0.002115237	0.004312541	0.008471723	0.015534486	0.027541182
50	0.001718501	0.003542145	0.007059171	0.013088358	0.023538950

P(U ≤ U') (CONTINUED)

M = 32

N \ U'	32	33	34	35	36
32	0.450713075	0.549286925	0.647860775	0.734837702	0.811582049
33	0.402853463	0.500000000	0.600090371	0.691349239	0.774469270
34	0.358368854	0.452898649	0.552989020	0.647191722	0.735506755
35	0.317448605	0.408414040	0.507176512	0.603034205	0.695303643
36	0.280145132	0.366829841	0.463146184	0.559462527	0.654445771
37	0.246404500	0.328303304	0.421269513	0.516970022	0.613474738
38	0.216094181	0.292887605	0.381806306	0.475955518	0.572873825
39	0.189027018	0.260553532	0.344918138	0.436726680	0.533059967
40	0.164981068	0.231209321	0.310683225	0.399507001	0.494380692
41	0.143715448	0.204718020	0.279111400	0.364444984	0.457114939
42	0.124982545	0.180912138	0.250158301	0.331624375	0.421476662
43	0.108537074	0.159605626	0.223738226	0.301074597	0.387620320
44	0.094142511	0.140603374	0.199735382	0.272780803	0.355647457
45	0.081575399	0.123708515	0.178013420	0.246693153	0.325613776
46	0.070627991	0.108727852	0.158423322	0.222735106	0.297536246
47	0.061109621	0.095475726	0.140809737	0.200810634	0.271399925
48	0.052847132	0.083776627	0.125015953	0.180810335	0.247164268
49	0.045684634	0.073466795	0.110887665	0.162616515	0.224768825
50	0.039482801	0.064395069	0.098275753	0.146107307	0.204138237

P(U ≤ U') (CONTINUED)

M = 32

N \ U'	37	38	39	40	41
32	0.871272097	0.917697690	0.949462569	0.971196433	0.984236752
33	0.841427073	0.895301167	0.933580129	0.960741030	0.977716593
34	0.809102616	0.870159923	0.915149518	0.948130612	0.969568323
35	0.774757881	0.842536048	0.894261492	0.933313732	0.959673994
36	0.738875322	0.812751179	0.871074224	0.916300164	0.947958322
37	0.701937394	0.781166574	0.845800905	0.897157215	0.934390540
38	0.664407782	0.748164344	0.818696185	0.876003306	0.918983647
39	0.626717329	0.714130868	0.790042625	0.852999744	0.901791511
40	0.589254384	0.679442956	0.760137993	0.828341539	0.882904375
41	0.552359060	0.644456978	0.729284008	0.802248010	0.862443311
42	0.516320744	0.609500894	0.697776826	0.774953737	0.840554111
43	0.481378188	0.574868938	0.665899406	0.746700276	0.817401038
44	0.447721517	0.540818623	0.633915728	0.717728911	0.793160776
45	0.415495596	0.507569656	0.602066718	0.688274564	0.768016821
46	0.384804243	0.475304387	0.570567698	0.658560913	0.742154468
47	0.355714911	0.444169392	0.539607122	0.628796682	0.715756503
48	0.328263520	0.414277878	0.509346378	0.599173007	0.688999635
49	0.302459213	0.385712616	0.479920414	0.569861763	0.662051647
50	0.278288870	0.358529168	0.451438986	0.541014721	0.635069242

P(U ≤ U') (CONTINUEO)

M = 32

N \ U'	42	43	44	45	46
32	0.992060944	0.996159329	0.998306103	0.999281909	0.999725457
33	0.988309344	0.994110137	0.997280756	0.998794006	0.999514601
34	0.983420382	0.991335845	0.995827555	0.998073411	0.999187058
35	0.977247503	0.987707924	0.993844705	0.997052567	0.998700876
36	0.969666774	0.983105339	0.991227548	0.995657845	0.998007244
37	0.960582259	0.977419792	0.987872723	0.993811888	0.997051432
38	0.949929493	0.970560056	0.983682217	0.991436222	0.995774126
39	0.937677069	0.962455192	0.978567075	0.988453912	0.994113045
40	0.923826502	0.953056593	0.972450527	0.984792121	0.992004741
41	0.908410633	0.942338893	0.965270437	0.980384409	0.989386461
42	0.891490872	0.930299833	0.956980994	0.975172694	0.986197967
43	0.873153638	0.916959253	0.947553650	0.969108794	0.982383223
44	0.853506269	0.902357381	0.936977357	0.962155522	0.977891875
45	0.832672706	0.886552609	0.925258173	0.954287346	0.972680485
46	0.810789176	0.869618925	0.912418347	0.945490627	0.966713480
47	0.788000047	0.851643169	0.898494991	0.935763485	0.959963807
48	0.764454003	0.832722241	0.883538447	0.925115344	0.952413306
49	0.740300621	0.812960382	0.867610459	0.913566206	0.944052819
50	0.715687403	0.792466603	0.850782234	0.901145734	0.934882050

P(U ≤ U') (CONTINUEO)

M = 32

N \ U'	47	48	49	50	51
32	0.999899020	0.999966936	0.999989574	0.999997120	0.999999233
33	0.999812239	0.999934835	0.999978255	0.999993579	0.999998177
34	0.999671253	0.999879667	0.999957822	0.999986768	0.999996031
35	0.999453365	0.999789882	0.999923086	0.999974499	0.999991979
36	0.999130870	0.999650491	0.999867000	0.999953604	0.999984781
37	0.998671205	0.999442817	0.999780397	0.999919715	0.999972657
38	0.998037381	0.999144408	0.999651795	0.999867050	0.999953152
39	0.997188660	0.998729143	0.999467290	0.999788224	0.999923016
40	0.996081439	0.998167508	0.999210543	0.999674114	0.999878086
41	0.994670274	0.997427046	0.998862865	0.999513770	0.999813186
42	0.992909003	0.996472938	0.998403403	0.999294387	0.999722059
43	0.990751884	0.995268703	0.997809414	0.999001352	0.999597321
44	0.988154714	0.993776964	0.997056611	0.998618347	0.999430450
45	0.985075862	0.991960251	0.996119569	0.998127516	0.999211807
46	0.981477204	0.989781799	0.994972171	0.997509686	0.998930694
47	0.977324907	0.987206323	0.993588072	0.996744635	0.998575442
48	0.972590061	0.984200726	0.991941169	0.995811390	0.998133523
49	0.967249156	0.980734727	0.990006058	0.994688548	0.997591692
50	0.961284383	0.976781405	0.987758463	0.993354610	0.996936144

P(U ≤ U') (CONTINUED)

M = 32

N \ U'	52	53	54	55	56
32	0.999999825	0.999999961	0.999999993	0.999999999	1.000000000
33	0.999999550	0.999999893	0.999999978	0.999999996	0.999999999
34	0.999998949	0.999999735	0.999999942	0.999999988	0.999999998
35	0.999997737	0.999999398	0.999999858	0.999999969	0.999999994
36	0.999995451	0.999998734	0.999999681	0.999999926	0.999999985
37	0.999991381	0.999997503	0.999999331	0.999999838	0.999999964
38	0.999984493	0.999995342	0.999998680	0.999999669	0.999999921
39	0.999973339	0.999991726	0.999997532	0.999999360	0.999999838
40	0.999955965	0.999985919	0.999995597	0.999998822	0.999999685
41	0.999929828	0.999976933	0.999992462	0.999997926	0.999999418
42	0.999891702	0.999963474	0.999987566	0.999996489	0.999998967
43	0.999837616	0.999943900	0.999980158	0.999994258	0.999998237
44	0.999762787	0.999916174	0.999969269	0.999990901	0.999997091
45	0.999661587	0.999877827	0.999953678	0.999985984	0.999995349
46	0.999527518	0.999825930	0.999931875	0.999978961	0.999992768
47	0.999353219	0.999757065	0.999902036	0.999969152	0.999989038
48	0.999130492	0.999667322	0.999861996	0.999955728	0.999983768
49	0.998850346	0.999552287	0.999809231	0.999937703	0.999976474
50	0.998503065	0.999407058	0.999740840	0.999913912	0.999966566

P(U ≤ U') (CONTINUED)

M = 32

N \ U'	57	58	59	60	61
32	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
33	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
34	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
35	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
36	0.999999997	1.000000000	1.000000000	1.000000000	1.000000000
37	0.999999993	0.999999999	1.000000000	1.000000000	1.000000000
38	0.999999984	0.999999997	1.000000000	1.000000000	1.000000000
39	0.999999966	0.999999993	0.999999999	1.000000000	1.000000000
40	0.999999932	0.999999985	0.999999997	1.000000000	1.000000000
41	0.999999870	0.999999969	0.999999995	0.999999999	1.000000000
42	0.999999764	0.999999941	0.999999990	0.999999998	1.000000000
43	0.999999587	0.999999891	0.999999980	0.999999996	0.999999999
44	0.999999302	0.999999808	0.999999965	0.999999992	0.999999999
45	0.999998860	0.999999672	0.999999939	0.999999985	0.999999998
46	0.999998191	0.999999459	0.999999897	0.999999973	0.999999997
47	0.999997205	0.999999133	0.999999831	0.999999955	0.999999994
48	0.999995785	0.999998646	0.999999731	0.999999925	0.999999990
49	0.999993782	0.999997936	0.999999583	0.999999880	0.999999983
50	0.999991013	0.999996923	0.999999368	0.999999811	0.999999973

P(U ≤ U') (CONTINUED)

M = 32

N \ U'	62	63	64
32	1.000000000	1.000000000	1.000000000
.	.	.	.
.	.	.	.
45	1.000000000	1.000000000	1.000000000
46	0.999999999	1.000000000	1.000000000
47	0.999999999	1.000000000	1.000000000
48	0.999999998	1.000000000	1.000000000
49	0.999999996	1.000000000	1.000000000
50	0.999999993	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	2	3	4	5	6
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	7	8	9	10	11
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	12	13	14	15	16
33	0.000000014	0.000000064	0.000000292	0.000001137	0.000004275
34	0.000000008	0.000000039	0.000000180	0.000000714	0.000002736
35	0.000000005	0.000000024	0.000000112	0.000000452	0.000001762
36	0.000000003	0.000000015	0.000000070	0.000000288	0.000001143
37	0.000000002	0.000000009	0.000000044	0.000000185	0.000000748
38	0.000000001	0.000000006	0.000000028	0.000000120	0.000000490
39	0.000000001	0.000000004	0.000000018	0.000000078	0.000000324
40	0.000000000	0.000000002	0.000000012	0.000000051	0.000000215
41	0.000000000	0.000000001	0.000000008	0.000000034	0.000000144
42	0.000000000	0.000000001	0.000000005	0.000000022	0.000000097
43	0.000000000	0.000000001	0.000000003	0.000000015	0.000000066
44	0.000000000	0.000000000	0.000000002	0.000000010	0.000000045
45	0.000000000	0.000000000	0.000000001	0.000000007	0.000000030
46	0.000000000	0.000000000	0.000000001	0.000000005	0.000000021
47	0.000000000	0.000000000	0.000000001	0.000000003	0.000000014
48	0.000000000	0.000000000	0.000000000	0.000000002	0.000000010
49	0.000000000	0.000000000	0.000000000	0.000000002	0.000000007
50	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	17	18	19	20	21
33	0.000014083	0.000044732	0.000126463	0.000344412	0.000845696
34	0.000009179	0.000029709	0.000085598	0.000237674	0.000595054
35	0.000006020	0.000019839	0.000058224	0.000164677	0.000420166
36	0.000003973	0.000013319	0.000039799	0.000114566	0.000297744
37	0.000002638	0.000008990	0.000027338	0.000080031	0.000211763
38	0.000001762	0.000006099	0.000018869	0.000056136	0.000151166
39	0.000001184	0.000004160	0.000013087	0.000039537	0.000108309
40	0.000000800	0.000002851	0.000009119	0.000027961	0.000077891
41	0.000000543	0.000001964	0.000006384	0.000019854	0.000056223
42	0.000000371	0.000001360	0.000004490	0.000014155	0.000040733
43	0.000000255	0.000000946	0.000003172	0.000010131	0.000029618
44	0.000000176	0.000000661	0.000002251	0.000007280	0.000021615
45	0.000000122	0.000000464	0.000001604	0.000005252	0.000015831
46	0.000000085	0.000000327	0.000001148	0.000003803	0.000011636
47	0.000000060	0.000000232	0.000000825	0.000002764	0.000008582
48	0.000000042	0.000000165	0.000000596	0.000002017	0.000006353
49	0.000000030	0.000000118	0.000000432	0.000001477	0.000004718
50	0.000000021	0.000000085	0.000000314	0.000001085	0.000003515

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	22	23	24	25	26
33	0.001958649	0.004304554	0.008916364	0.016987031	0.031110700
34	0.001434518	0.003151601	0.006662084	0.012951698	0.024214495
35	0.001032275	0.002312138	0.004983157	0.009880026	0.018839069
36	0.000744850	0.001700030	0.003732327	0.007542884	0.014655924
37	0.000538985	0.001252924	0.002799793	0.005764624	0.011404249
38	0.000391163	0.000925702	0.002103869	0.004411114	0.008878332
39	0.000284736	0.000685705	0.001583876	0.003380217	0.006916765
40	0.000207898	0.000509278	0.001194771	0.002594318	0.005393412
41	0.000152264	0.000379271	0.000903133	0.001994512	0.004210011
42	0.000111865	0.000283230	0.000684159	0.001536133	0.003290197
43	0.000082441	0.000212097	0.000519431	0.001185320	0.002574724
44	0.000060946	0.000159274	0.000395263	0.000916403	0.002017682
45	0.000045196	0.000119943	0.000301472	0.000709914	0.001583524
46	0.000033620	0.000090578	0.000230476	0.000551075	0.001244736
47	0.000025086	0.000068594	0.000176615	0.000428665	0.000980023
48	0.000018775	0.000052091	0.000135663	0.000334146	0.000772899
49	0.000014094	0.000039668	0.000104454	0.000261021	0.000610596
50	0.000010613	0.000030291	0.000080616	0.000204333	0.000483219

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	27	28	29	30	31
33	0.052839420	0.086268221	0.131635880	0.193206273	0.267090746
34	0.041975060	0.069965444	0.108952051	0.163219122	0.230148510
35	0.033311370	0.056636690	0.089958576	0.137442263	0.197588267
36	0.026419798	0.045780736	0.074130680	0.115420843	0.169098054
37	0.020948229	0.036966098	0.060992901	0.096706211	0.144323957
38	0.016610056	0.029826678	0.050123633	0.080872508	0.122895971
39	0.013173734	0.024055420	0.041155211	0.067526642	0.104446646
40	0.010453313	0.019397164	0.033771210	0.056313365	0.088623787
41	0.008300164	0.015641463	0.027702168	0.046916895	0.075098494
42	0.006595933	0.012615799	0.022720573	0.039060207	0.063569658
43	0.005246653	0.010179447	0.018635664	0.032502854	0.053765878
44	0.004177881	0.008218074	0.015288411	0.027037951	0.045445564
45	0.003330744	0.006639091	0.012546852	0.022488770	0.038395840
46	0.002658736	0.005367707	0.010301903	0.018705239	0.032430689
47	0.002125151	0.004343634	0.008463673	0.015560553	0.027388687
48	0.001701030	0.003518349	0.006958274	0.012948009	0.023130559
49	0.001363528	0.002852843	0.005725093	0.010778127	0.019536718
50	0.001094623	0.002315782	0.004714487	0.008976081	0.016504898

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	32	33	34	35	36
33	0.355752112	0.449954814	0.550045186	0.644247888	0.732909254
34	0.312634458	0.402853463	0.501449948	0.597146537	0.689943229
35	0.273562166	0.359032803	0.454890497	0.550748191	0.646274197
36	0.233465528	0.318671669	0.410800345	0.505638688	0.602549129
37	0.207179382	0.281820199	0.369474053	0.462284017	0.559340188
38	0.179473902	0.248428254	0.331085075	0.421035144	0.517134423
39	0.155079794	0.218371229	0.295705451	0.382137817	0.476330364
40	0.133708097	0.191472369	0.263325488	0.345745242	0.437239871
41	0.115065126	0.167521329	0.233872182	0.311932009	0.400093696
42	0.098863268	0.146289056	0.207225680	0.280708079	0.365049426
43	0.084828382	0.127539326	0.183233426	0.252032021	0.332200691
44	0.072704496	0.111037370	0.161721948	0.225823032	0.301586830
45	0.062256444	0.096556063	0.142506367	0.201971466	0.273202387
46	0.053270963	0.083880117	0.125397851	0.180347794	0.247006025
47	0.045556700	0.072808721	0.110209280	0.160810036	0.222928612
48	0.038943459	0.063156964	0.096759377	0.143209773	0.200880352
49	0.033280968	0.054756360	0.084875597	0.127396872	0.180756905
50	0.028437362	0.047454727	0.074395994	0.113223114	0.162444529

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	37	38	39	40	41
33	0.806793727	0.868364120	0.913731779	0.947160580	0.968889300
34	0.769851490	0.838599781	0.891047949	0.931034212	0.958024940
35	0.731186202	0.806368707	0.865723316	0.912373956	0.945029404
36	0.691383700	0.772142401	0.838024499	0.891267077	0.929867946
37	0.651064349	0.736377833	0.808271293	0.867867187	0.912564108
38	0.610564278	0.699545092	0.776817904	0.842382715	0.893195443
39	0.570522912	0.662099000	0.744035499	0.815064044	0.871886879
40	0.531276017	0.624464991	0.710296940	0.786190454	0.848802602
41	0.493153255	0.587029125	0.675964161	0.756057701	0.824137210
42	0.456419219	0.550131827	0.641378314	0.724966845	0.798106810
43	0.421276991	0.514064803	0.606852616	0.693214680	0.770940537
44	0.387873378	0.479070543	0.572667632	0.661085936	0.742872866
45	0.356305129	0.445343781	0.539068677	0.628847262	0.714136918
46	0.326625578	0.413034396	0.506264963	0.596742895	0.684958878
47	0.298851315	0.382251255	0.474430136	0.564991843	0.655553550
48	0.272968576	0.353066602	0.443703842	0.533786387	0.626120995
49	0.248939168	0.325520695	0.414194043	0.503291665	0.596844169
50	0.226705821	0.299626436	0.385979796	0.473646131	0.567887441

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	42	43	44	45	46
33	0.983012969	0.991083636	0.995695446	0.998001351	0.999154304
34	0.976218689	0.987048302	0.993484187	0.996848399	0.998603640
35	0.967771591	0.981850088	0.990513778	0.995239428	0.997799154
36	0.957554087	0.975352320	0.986652786	0.993073505	0.996669108
37	0.945490840	0.967441994	0.981777442	0.990248389	0.995135473
38	0.931550857	0.958034357	0.975776997	0.986664527	0.993116396
39	0.915747006	0.947075667	0.968558178	0.982228867	0.990528928
40	0.898133386	0.934544202	0.960048553	0.976858239	0.987291837
41	0.878801052	0.920449693	0.950198722	0.970482151	0.983328323
42	0.857872610	0.904831452	0.938983338	0.963044894	0.978568478
43	0.835496180	0.887755510	0.926401064	0.954506923	0.972951392
44	0.811839143	0.869311040	0.912473608	0.944845534	0.966426818
45	0.787082018	0.849606390	0.897244006	0.934054892	0.958956373
46	0.761412730	0.828764933	0.880774356	0.922145488	0.950514264
47	0.735021448	0.806920975	0.863143161	0.909143132	0.941087556
48	0.708096111	0.784215861	0.844442477	0.895087585	0.930676040
49	0.680818677	0.760794400	0.824774978	0.880030931	0.919291741
50	0.653362118	0.736801683	0.804251087	0.864035787	0.906958135

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	47	48	49	50	51
33	0.999655588	0.999873537	0.999955268	0.999985917	0.999995725
34	0.999404946	0.999769930	0.999914402	0.999971431	0.999990821
35	0.999023371	0.999604028	0.999845968	0.999945768	0.999981696
36	0.998466909	0.999350517	0.999737095	0.999902771	0.999965729
37	0.997695256	0.998978625	0.999571419	0.999834134	0.999939220
38	0.996622847	0.998452299	0.999328912	0.999729105	0.999897186
39	0.995220266	0.997730682	0.998985890	0.999574268	0.999833155
40	0.993415905	0.996768857	0.998515187	0.999353425	0.999739014
41	0.991147732	0.995518830	0.997886508	0.999047581	0.999604896
42	0.988355086	0.993930664	0.997066927	0.998635059	0.999419124
43	0.984980394	0.991953728	0.996021506	0.998091715	0.999168223
44	0.980970726	0.989537966	0.994714006	0.997391268	0.998836990
45	0.976279143	0.986635147	0.993107649	0.996505712	0.998408628
46	0.970865777	0.983200028	0.991165898	0.995405797	0.997864938
47	0.964698652	0.979191397	0.988853226	0.994061556	0.997186554
48	0.957754212	0.974572953	0.986135837	0.992442864	0.996353221
49	0.950017592	0.969314020	0.982982323	0.990519990	0.995344097
50	0.941482633	0.963390070	0.979364242	0.988264139	0.994138070

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	52	53	54	55	56
33	0.999998863	0.999999708	0.999999936	0.999999986	0.999999998
34	0.999997391	0.999999286	0.999999830	0.999999961	0.999999992
35	0.999994471	0.999998401	0.999999592	0.999999901	0.999999979
36	0.999989056	0.999996682	0.999999097	0.999999768	0.999999947
37	0.999979573	0.999993542	0.999998138	0.999999500	0.999999878
38	0.999963778	0.999988109	0.999996384	0.999998989	0.999999738
39	0.999938592	0.999979145	0.999993339	0.999998070	0.999999472
40	0.999899956	0.999964952	0.999988283	0.999996493	0.999998969
41	0.999842684	0.999943286	0.999980221	0.999993900	0.999998156
42	0.999760350	0.999911277	0.999967811	0.999989796	0.999996776
43	0.999645200	0.999865342	0.999949307	0.999983515	0.999994572
44	0.999488100	0.999801134	0.999922495	0.999974185	0.999991166
45	0.999278532	0.999713495	0.999884634	0.999960701	0.999986056
46	0.999004623	0.999596382	0.999832411	0.999941684	0.999978594
47	0.998653220	0.999442963	0.999761898	0.999915459	0.999967958
48	0.998210010	0.999245527	0.999668523	0.999880022	0.999953132
49	0.997659668	0.998995575	0.999547064	0.999833022	0.999932883
50	0.996986037	0.998683863	0.999391642	0.999771745	0.999905728

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	57	58	59	60	61
33	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
34	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
35	0.999999996	0.999999999	1.000000000	1.000000000	1.000000000
36	0.999999989	0.999999998	1.000000000	1.000000000	1.000000000
37	0.999999973	0.999999995	0.999999999	1.000000000	1.000000000
38	0.999999939	0.999999987	0.999999998	1.000000000	1.000000000
39	0.999999872	0.999999970	0.999999994	0.999999999	1.000000000
40	0.999999747	0.999999938	0.999999987	0.999999997	1.000000000
41	0.999999524	0.999999877	0.999999974	0.999999994	0.999999999
42	0.999999144	0.999999767	0.999999950	0.999999988	0.999999998
43	0.999998521	0.999999579	0.999999907	0.999999977	0.999999996
44	0.999997534	0.999999266	0.999999834	0.999999958	0.999999993
45	0.999996018	0.999998767	0.999999715	0.999999924	0.999999986
46	0.999993754	0.999997991	0.999999525	0.999999868	0.999999976
47	0.999990458	0.999996820	0.999999233	0.999999777	0.999999959
48	0.999985771	0.999995096	0.999998794	0.999999637	0.999999932
49	0.999979243	0.999992617	0.999998151	0.999999423	0.999999890
50	0.999970327	0.999989126	0.999997229	0.999999106	0.999999826

P(U ≤ U') (CONTINUED)

M = 33

N \ U'	62	63	64	65	66
33	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.	.
.	.	.	.	.	.
42	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
43	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
44	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
45	0.999999997	1.000000000	1.000000000	1.000000000	1.000000000
46	0.999999994	0.999999999	1.000000000	1.000000000	1.000000000
47	0.999999990	0.999999999	1.000000000	1.000000000	1.000000000
48	0.999999982	0.999999998	0.999999999	1.000000000	1.000000000
49	0.999999970	0.999999996	0.999999999	1.000000000	1.000000000
50	0.999999951	0.999999993	0.999999998	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	2	3	4	5	6
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	7	8	9	10	11
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	12	13	14	15	16
34	0.000000005	0.000000023	0.000000109	0.000000442	0.000001725
35	0.000000003	0.000000014	0.000000067	0.000000276	0.000001095
36	0.000000002	0.000000009	0.000000041	0.000000173	0.000000700
37	0.000000001	0.000000005	0.000000026	0.000000110	0.000000451
38	0.000000001	0.000000003	0.000000016	0.000000070	0.000000292
39	0.000000000	0.000000002	0.000000010	0.000000045	0.000000190
40	0.000000000	0.000000001	0.000000007	0.000000029	0.000000125
41	0.000000000	0.000000001	0.000000004	0.000000019	0.000000082
42	0.000000000	0.000000001	0.000000003	0.000000012	0.000000055
43	0.000000000	0.000000000	0.000000002	0.000000008	0.000000036
44	0.000000000	0.000000000	0.000000001	0.000000005	0.000000025
45	0.000000000	0.000000000	0.000000001	0.000000004	0.000000017
46	0.000000000	0.000000000	0.000000000	0.000000002	0.000000011
47	0.000000000	0.000000000	0.000000000	0.000000002	0.000000008
48	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
49	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
50	0.000000300	0.000000000	0.000000000	0.000000001	0.000000003

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	17	18	19	20	21
34	0.000005894	0.000019444	0.000057083	0.000161636	0.000412562
35	0.000003810	0.000012798	0.000038264	0.000110390	0.000287099
36	0.000002478	0.000008470	0.000025780	0.000075714	0.000200543
37	0.000001622	0.000005637	0.000017458	0.000052154	0.000140627
38	0.000001068	0.000003772	0.000011882	0.000036079	0.000098993
39	0.000000708	0.000002537	0.000008127	0.000025067	0.000069956
40	0.000000472	0.000001716	0.000005586	0.000017490	0.000049629
41	0.000000316	0.000001166	0.000003858	0.000012255	0.000035345
42	0.000000213	0.000000797	0.000002678	0.000008623	0.000025269
43	0.000000144	0.000000547	0.000001867	0.000006092	0.000018135
44	0.000000098	0.000000378	0.000001308	0.000004322	0.000013064
45	0.000000067	0.000000262	0.000000920	0.000003079	0.000009447
46	0.000000046	0.000000182	0.000000650	0.000002202	0.000006857
47	0.000000032	0.000000128	0.000000462	0.000001581	0.000004995
48	0.000000022	0.000000090	0.000000329	0.000001139	0.000003652
49	0.000000016	0.000000063	0.000000236	0.000000824	0.000002679
50	0.000000011	0.000000045	0.000000169	0.000000599	0.000001973

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	22	23	24	25	26
34	0.001014786	0.002273981	0.004906842	0.009733756	0.018583096
35	0.000719856	0.001644383	0.003618615	0.007320299	0.014257529
36	0.000512133	0.001191955	0.002672629	0.005510587	0.010939723
37	0.000365455	0.000866207	0.001977338	0.004153303	0.008397205
38	0.000261599	0.000631160	0.001465695	0.003134766	0.006449725
39	0.000187854	0.000461162	0.001088651	0.002369775	0.004958168
40	0.000135332	0.000337905	0.000810339	0.001794577	0.003815544
41	0.000097813	0.000248306	0.000604532	0.001361512	0.002939792
42	0.000070927	0.000182998	0.000452042	0.001034972	0.002268092
43	0.000051600	0.000135264	0.000338823	0.000788348	0.001752424
44	0.000037663	0.000100277	0.000254577	0.000601752	0.001356108
45	0.000027580	0.000074561	0.000191751	0.000460311	0.001051143
46	0.000020262	0.000055604	0.000144788	0.000352887	0.000816153
47	0.000014934	0.000041589	0.000109602	0.000271134	0.000634816
48	0.000011042	0.000031198	0.000083176	0.000208788	0.000494665
49	0.000008190	0.000023471	0.000063280	0.000161142	0.000386170
50	0.000006094	0.000017710	0.000048264	0.000124651	0.000302038

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	27	28	29	30	31
34	0.032878185	0.055970252	0.088958919	0.136085586	0.195779364
35	0.025730641	0.044695140	0.072464586	0.113102799	0.165932475
36	0.020127493	0.035643902	0.058918515	0.093751269	0.140194941
37	0.015742421	0.028398794	0.047835366	0.077539097	0.118134196
38	0.012314654	0.022612605	0.038795100	0.064014572	0.099321833
39	0.009637187	0.017999687	0.031439420	0.052772330	0.083349501
40	0.007546561	0.014326967	0.025466206	0.043455038	0.069838658
41	0.005914241	0.011405533	0.020623058	0.035752127	0.058445731
42	0.004639477	0.009083088	0.016700707	0.029396739	0.048863987
43	0.003643495	0.007237388	0.013526699	0.024161687	0.040823167
44	0.002864819	0.005770650	0.010959633	0.019855034	0.034087675
45	0.002255532	0.004604876	0.008884040	0.016315640	0.028453921
46	0.001778321	0.003677986	0.007205937	0.013408926	0.023747241
47	0.001404145	0.002940649	0.005849033	0.011022977	0.019818681
48	0.001110401	0.002353713	0.004751529	0.009065061	0.016541850
49	0.000879500	0.001886134	0.003863449	0.007458569	0.013809947
50	0.000697747	0.001513306	0.003144425	0.006140358	0.011533038

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	32	33	34	35	36
34	0.271391484	0.356455118	0.452151706	0.547848294	0.643544882
35	0.234565902	0.313923301	0.405613268	0.500000000	0.597083495
36	0.201965024	0.275316998	0.362181178	0.454155016	0.551238511
37	0.173317128	0.240571326	0.322052374	0.410722926	0.506582982
38	0.148303653	0.209530927	0.285299679	0.369982402	0.463579096
39	0.126584198	0.181978654	0.251897266	0.332098026	0.422580936
40	0.107815081	0.157659137	0.221744351	0.297138720	0.383842245
41	0.091662442	0.136297399	0.194686149	0.265096113	0.347527291
42	0.077810939	0.117612998	0.170531645	0.235901738	0.313723277
43	0.065969004	0.101330338	0.149068138	0.209442415	0.282453168
44	0.055871523	0.087185804	0.130072755	0.185573514	0.253688083
45	0.047280643	0.074932390	0.113321252	0.164130039	0.227358753
46	0.039985288	0.064342359	0.098594490	0.144935608	0.203365714
47	0.033799827	0.055208458	0.085682987	0.127809543	0.181588125
48	0.028562226	0.047344063	0.074389908	0.112572278	0.161891173
49	0.024131934	0.040582602	0.064532838	0.099049355	0.144132154
50	0.020387684	0.034776484	0.055944622	0.087074237	0.128165329

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	37	38	39	40	41
34	0.728608516	0.804220636	0.863914414	0.911041081	0.944029748
35	0.686076699	0.767578893	0.834067525	0.888251809	0.927535414
36	0.642928479	0.729224920	0.801895606	0.862852925	0.908570915
37	0.599780259	0.689723028	0.767831222	0.835101437	0.887235853
38	0.557175790	0.649616969	0.732327497	0.805307375	0.863691278
39	0.515577259	0.609411387	0.695837558	0.773816058	0.838148321
40	0.475362633	0.569559055	0.658797771	0.740991325	0.810855846
41	0.436827733	0.530453268	0.621614972	0.707200641	0.782088102
42	0.400191654	0.492424589	0.584657525	0.672802574	0.752133118
43	0.365604303	0.455741035	0.548249787	0.638136833	0.721282350
44	0.333155080	0.420610822	0.512669498	0.603516876	0.689821884
45	0.302881938	0.387186889	0.478147494	0.569224865	0.658025302
46	0.274780288	0.355572532	0.444869224	0.535508723	0.626148222
47	0.248811352	0.325827592	0.412977549	0.502580931	0.594424398
48	0.224909760	0.297974789	0.382576401	0.470618749	0.563063214
49	0.202990251	0.272005893	0.353734942	0.439765520	0.532248392
50	0.182953452	0.247887524	0.326491926	0.410132766	0.502137690

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	42	43	44	45	46
34	0.967121815	0.981416904	0.990266244	0.995093158	0.997726019
35	0.955982163	0.974269359	0.986009287	0.992679701	0.996463645
36	0.942707014	0.965464413	0.980558606	0.989477902	0.994717209
37	0.927261631	0.954898478	0.973776849	0.985361304	0.992382186
38	0.909668601	0.942509546	0.965550337	0.980212657	0.989352806
39	0.890004023	0.928278470	0.955793741	0.973928806	0.985526151
40	0.868391333	0.912227896	0.944452987	0.966424641	0.980806087
41	0.844993568	0.894419292	0.931506415	0.957635980	0.975106773
42	0.820004805	0.874948553	0.916964359	0.947521310	0.968355594
43	0.793641423	0.853940649	0.900867394	0.936062453	0.960495387
44	0.766133682	0.831543794	0.883283538	0.923264250	0.951485929
45	0.737718002	0.807923475	0.864304705	0.909153411	0.941304690
46	0.708630166	0.783256687	0.844042701	0.893776712	0.929946901
47	0.679099594	0.757726562	0.822625012	0.877198708	0.917425020
48	0.649344715	0.731517572	0.800190604	0.859499131	0.903767696
49	0.619569429	0.704811394	0.776885900	0.840770122	0.889018346
50	0.589960572	0.677783454	0.752861065	0.821113439	0.873233433

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	47	48	49	50	51
34	0.998985214	0.999587438	0.999838364	0.999942917	0.999980556
35	0.998355617	0.999299814	0.999712901	0.999893216	0.999961736
36	0.997450761	0.998867057	0.999516193	0.999811255	0.999929280
37	0.996197883	0.998241769	0.999221131	0.999682425	0.999876163
38	0.994518976	0.997369873	0.998795322	0.999488248	0.999793136
39	0.992333289	0.996191763	0.998201365	0.999206196	0.999668409
40	0.989560010	0.994643811	0.997397536	0.998809703	0.999487543
41	0.986120969	0.992660132	0.996338411	0.998268372	0.999233353
42	0.981943171	0.990174485	0.994976085	0.997548371	0.998885960
43	0.976961059	0.987122203	0.993261228	0.996612995	0.998422948
44	0.971118401	0.983442045	0.991144323	0.995423366	0.997819630
45	0.964369739	0.979077886	0.988576897	0.993939242	0.997049403
46	0.956681389	0.973980176	0.985512700	0.992119875	0.996084180
47	0.948031996	0.968107131	0.981908786	0.989924899	0.994894889
48	0.938412661	0.961425620	0.977726466	0.987315199	0.993451989
49	0.927826699	0.953911750	0.972932100	0.984253736	0.991726017
50	0.916289081	0.945551157	0.967497714	0.980706290	0.989688122

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	52	53	54	55	56
34	0.999994106	0.999998275	0.999999558	0.999999891	0.999999977
35	0.999987702	0.999996190	0.999998956	0.999999724	0.999999937
36	0.999976017	0.999992196	0.999997727	0.999999366	0.999999844
37	0.999955880	0.999985005	0.999995382	0.999998649	0.999999645
38	0.999922851	0.999972742	0.999991163	0.999997304	0.999999249
39	0.999870979	0.999952786	0.999983950	0.999994916	0.999998507
40	0.999792571	0.999921621	0.999972158	0.999990876	0.999997184
41	0.999678016	0.999874694	0.999953628	0.999984325	0.999994936
42	0.999515655	0.999806284	0.999925516	0.999974092	0.999991266
43	0.999291726	0.999709408	0.999884192	0.999958636	0.999985489
44	0.998990377	0.999575750	0.999825139	0.999935979	0.999976689
45	0.998593758	0.999395635	0.999742886	0.999903651	0.999963670
46	0.998082190	0.999158042	0.999630943	0.999858637	0.999944914
47	0.997434393	0.998850656	0.999481775	0.999797335	0.999918537
48	0.996627777	0.998459963	0.999286795	0.999715523	0.999882251
49	0.995639774	0.997971380	0.999036391	0.999608341	0.999833323
50	0.994443209	0.997369417	0.998719974	0.999470284	0.999768555

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	57	58	59	60	61
34	0.999999995	0.999999999	1.000000000	1.000000000	1.000000000
35	0.999999986	0.999999997	1.000000000	1.000000000	1.000000000
36	0.999999963	0.999999992	0.999999999	1.000000000	1.000000000
37	0.999999912	0.999999981	0.999999996	0.999999999	1.000000000
38	0.999999805	0.999999954	0.999999990	0.999999998	1.000000000
39	0.999999597	0.999999899	0.999999977	0.999999995	0.999999999
40	0.999999212	0.999999791	0.999999951	0.999999989	0.999999998
41	0.999998536	0.999999592	0.999999901	0.999999977	0.999999995
42	0.999997399	0.999999239	0.999999810	0.999999952	0.999999990
43	0.999995559	0.999998642	0.999999652	0.999999908	0.999999981
44	0.999992682	0.999997667	0.999999386	0.999999830	0.999999964
45	0.999988320	0.999996129	0.999998956	0.999999699	0.999999934
46	0.999981890	0.999993775	0.999998283	0.999999484	0.999999885
47	0.999972646	0.999990270	0.999997258	0.999999144	0.999999805
48	0.999959660	0.999985179	0.999995739	0.999998622	0.999999679
49	0.999941796	0.999977954	0.999993539	0.999997839	0.999999487
50	0.999917691	0.999967910	0.999990422	0.999996692	0.999999200

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	62	63	64	65	66
34	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
⋮	⋮	⋮	⋮	⋮	⋮
40	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
41	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
42	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
43	0.999999996	0.999999999	1.000000000	1.000000000	1.000000000
44	0.999999991	0.999999999	1.000000000	1.000000000	1.000000000
45	0.999999984	0.999999997	0.999999999	1.000000000	1.000000000
46	0.999999970	0.999999995	0.999999999	1.000000000	1.000000000
47	0.999999947	0.999999991	0.999999998	1.000000000	1.000000000
48	0.999999909	0.999999984	0.999999996	1.000000000	1.000000000
49	0.999999850	0.999999973	0.999999993	0.999999999	1.000000000
50	0.999999757	0.999999955	0.999999988	0.999999998	1.000000000

P(U ≤ U') (CONTINUED)

M = 34

N \ U'	67	68
34	1.000000000	1.000000000
⋮	⋮	⋮
50	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	2	3	4	5	6
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	7	8	9	10	11
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	12	13	14	15	16
35	0.000000002	0.000000008	0.000000041	0.000000170	0.000000685
36	0.000000001	0.000000005	0.000000025	0.000000105	0.000000432
37	0.000000001	0.000000003	0.000000015	0.000000066	0.000000274
38	0.000000000	0.000000002	0.000000009	0.000000041	0.000000175
39	0.000000000	0.000000001	0.000000006	0.000000026	0.000000113
40	0.000000000	0.000000001	0.000000004	0.000000017	0.000000073
41	0.000000000	0.000000000	0.000000002	0.000000011	0.000000047
42	0.000000000	0.000000000	0.000000001	0.000000007	0.000000031
43	0.000000000	0.000000000	0.000000001	0.000000005	0.000000021
44	0.000000000	0.000000000	0.000000001	0.000000003	0.000000014
45	0.000000000	0.000000000	0.000000000	0.000000002	0.000000009
46	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
47	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
48	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	17	18	19	20	21
35	0.000002427	0.000008304	0.000025281	0.000074327	0.000196941
36	0.000001556	0.000005419	0.000016792	0.000050269	0.000135634
37	0.000001004	0.000003556	0.000011213	0.000034150	0.000093788
38	0.000000652	0.000002347	0.000007526	0.000023304	0.000065116
39	0.000000426	0.000001558	0.000005078	0.000015974	0.000045394
40	0.000000280	0.000001040	0.000003444	0.000010998	0.000031774
41	0.000000185	0.000000697	0.000002347	0.000007606	0.000022330
42	0.000000123	0.000000470	0.000001608	0.000005283	0.000015757
43	0.000000083	0.000000319	0.000001106	0.000003685	0.000011163
44	0.000000056	0.000000217	0.000000765	0.000002581	0.000007940
45	0.000000038	0.000000149	0.000000532	0.000001816	0.000005669
46	0.000000026	0.000000102	0.000000371	0.000001283	0.000004064
47	0.000000017	0.000000071	0.000000260	0.000000910	0.000002924
48	0.000000012	0.000000049	0.000000183	0.000000648	0.000002112
49	0.000000008	0.000000034	0.000000130	0.000000463	0.000001531
50	0.000000006	0.000000024	0.000000092	0.000000332	0.000001114

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	22	23	24	25	26
35	0.000503478	0.001172284	0.002631499	0.005428327	0.010788914
36	0.000353232	0.000837881	0.001916878	0.004029913	0.008166067
37	0.000248617	0.000600502	0.001398959	0.002995875	0.006184160
38	0.000175563	0.000431597	0.001023079	0.002230686	0.004686976
39	0.000124391	0.000311110	0.000749837	0.001663850	0.003555857
40	0.000088433	0.000224932	0.000550843	0.001243404	0.002700950
41	0.000063086	0.000163121	0.000405632	0.000931072	0.002054369
42	0.000045158	0.000118661	0.000299442	0.000698666	0.001564908
43	0.000032436	0.000086587	0.000221612	0.000525418	0.001193979
44	0.000023379	0.000063380	0.000164435	0.000396019	0.000912523
45	0.000016908	0.000046537	0.000122328	0.000299175	0.000698658
46	0.000012270	0.000034277	0.000091244	0.000226541	0.000535905
47	0.000008934	0.000025325	0.000068239	0.000171948	0.000411849
48	0.000006527	0.000018768	0.000051169	0.000130822	0.000317127
49	0.000004784	0.000013952	0.000038472	0.000099771	0.000244675
50	0.000003518	0.000010403	0.000029002	0.000076273	0.000189155

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	27	28	29	30	31
35	0.019860677	0.035212891	0.058241211	0.092783692	0.138840333
36	0.015324795	0.027708784	0.046727051	0.075917880	0.115812013
37	0.011824973	0.021786007	0.037439060	0.061985893	0.096351460
38	0.009127193	0.017121036	0.029968284	0.050523882	0.079986904
39	0.007048793	0.013452510	0.023972902	0.041125714	0.066283173
40	0.005447864	0.010570838	0.019170114	0.033441254	0.054847965
41	0.004214556	0.008308940	0.015327884	0.027172353	0.045333871
42	0.003264074	0.006534264	0.012257096	0.022067666	0.037437559
43	0.002531100	0.005142048	0.009804454	0.017917040	0.030897179
44	0.001965395	0.004049746	0.007846243	0.014545944	0.025488788
45	0.001528354	0.003192473	0.006282980	0.011810233	0.021022321
46	0.001190329	0.002519313	0.005034890	0.009591407	0.017337486
47	0.000928560	0.001990372	0.004038152	0.007792417	0.014299808
48	0.000725566	0.001574414	0.003241793	0.006334024	0.011796965
49	0.000567923	0.001247001	0.002605158	0.005151700	0.009735478
50	0.000445312	0.000989018	0.002095849	0.004193002	0.008037782

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	32	33	34	35	36
35	0.200249188	0.273172204	0.359768285	0.451458252	0.548541748
36	0.170301560	0.236710696	0.317593618	0.405613268	0.501329391
37	0.144354157	0.204357527	0.279174230	0.362792898	0.455990175
38	0.122011681	0.175855926	0.244474507	0.323184055	0.412934310
39	0.102875840	0.150903715	0.213368541	0.286856571	0.372448513
40	0.086561609	0.129176819	0.185666749	0.253786958	0.334710248
41	0.072707754	0.110346843	0.161138227	0.223880524	0.299803977
42	0.060982927	0.094093600	0.139528801	0.196990968	0.267737822
43	0.051088506	0.080113538	0.120575063	0.172937038	0.238459509
44	0.042759127	0.068124938	0.104014861	0.151516230	0.211870911
45	0.035761662	0.057870674	0.089594802	0.132515683	0.187840807
46	0.029893221	0.049119190	0.077075319	0.115720556	0.166215709
47	0.024978604	0.041664222	0.066233796	0.100920252	0.146828797
48	0.020867508	0.035323687	0.056866228	0.087912831	0.129507079
49	0.017431597	0.029938052	0.048787775	0.076507956	0.114076955
50	0.014562259	0.025368422	0.041832530	0.066528691	0.100368414

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	37	38	39	40	41
35	0.640231715	0.726827796	0.799750812	0.861159667	0.907216308
36	0.594386732	0.684785291	0.763289304	0.831401238	0.884187987
37	0.549187452	0.642097083	0.725226752	0.799348563	0.858646012
38	0.505177626	0.599359992	0.686106908	0.765418374	0.830850333
39	0.462795562	0.557105201	0.646451175	0.730049747	0.801108533
40	0.422377145	0.515788597	0.606741853	0.693684368	0.769759069
41	0.384163369	0.475787042	0.567410715	0.656750142	0.737155626
42	0.348310628	0.437399258	0.528832327	0.619648438	0.703653341
43	0.314902391	0.400850077	0.491321324	0.582744901	0.669597299
44	0.283961225	0.366296931	0.455132825	0.546363525	0.635313458
45	0.255560-03	0.333837662	0.420465159	0.510783552	0.601101945
46	0.229334650	0.303518887	0.387464208	0.476238697	0.567232548
47	0.205489716	0.275344380	0.356228740	0.442918191	0.533942115
48	0.183810681	0.249283109	0.326816247	0.410969174	0.501433570
49	0.164168953	0.225276552	0.299248909	0.380500011	0.469876223
50	0.146428037	0.203245349	0.273519394	0.351584178	0.439407060

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	42	43	44	45	46
35	0.941758789	0.964787109	0.980139323	0.989211086	0.994571673
36	0.925055148	0.953272949	0.972733502	0.984675205	0.991993016
37	0.905398666	0.939650562	0.963651911	0.978925496	0.988595461
38	0.884385572	0.923899677	0.952791171	0.971834188	0.984250600
39	0.860672516	0.906054598	0.940091159	0.963297906	0.978839393
40	0.834965955	0.886199937	0.925531075	0.953241649	0.972257116
41	0.807510424	0.864464308	0.909134021	0.941621085	0.964417406
42	0.778576632	0.841012709	0.890961570	0.928423216	0.955255248
43	0.748450134	0.816038278	0.871110099	0.913665598	0.944728836
44	0.717421088	0.789754000	0.849705603	0.897394378	0.932820325
45	0.685775439	0.762384790	0.826897928	0.879681404	0.919535595
46	0.653787674	0.734160292	0.802854837	0.860620704	0.904903138
47	0.621715184	0.705308583	0.777756196	0.840324589	0.888972263
48	0.589794144	0.676050893	0.751788527	0.818919612	0.871810770
49	0.558236796	0.646597369	0.725140101	0.796542584	0.853502292
50	0.527229942	0.617143845	0.697996657	0.773336777	0.834143437

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	47	48	49	50	51
35	0.997368501	0.998827716	0.999496522	0.999803059	0.999925673
36	0.995970087	0.998128080	0.999162119	0.999656659	0.999864366
37	0.994061093	0.997132083	0.998667579	0.999429995	0.999765458
38	0.991538493	0.995763359	0.997963810	0.999093375	0.999612975
39	0.988299429	0.993940196	0.996995612	0.998611456	0.999387062
40	0.984245128	0.991578125	0.995702936	0.997943574	0.999063893
41	0.979284572	0.988592710	0.994022457	0.997044370	0.998615765
42	0.973337705	0.984902362	0.991889342	0.995864693	0.998011383
43	0.966338045	0.980431007	0.989239109	0.994352701	0.997216312
44	0.958234591	0.975110468	0.986009471	0.992455119	0.996193594
45	0.948993040	0.968882466	0.982142083	0.990118571	0.994904465
46	0.938596294	0.961700173	0.977584089	0.987290927	0.993309167
47	0.927044355	0.953529289	0.972289451	0.983922590	0.991367799
48	0.914353658	0.944348643	0.966219987	0.979967688	0.989041171
49	0.900555964	0.934150348	0.959346136	0.975385121	0.986291631
50	0.885696910	0.922939553	0.951647423	0.970139429	0.983083834

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	52	53	54	55	56
35	0.999974719	0.999991696	0.999997573	0.999999315	0.999999830
36	0.999951405	0.999983208	0.999994796	0.999998444	0.999999588
37	0.999911842	0.999968143	0.999989581	0.999996727	0.999999080
38	0.999847924	0.999942808	0.999980344	0.999993551	0.999998082
39	0.999749011	0.999902143	0.999964788	0.999987990	0.999996240
40	0.999601646	0.999839498	0.999939730	0.999978709	0.999993009
41	0.999389375	0.999746426	0.999900919	0.999963860	0.999987596
42	0.999092678	0.999612532	0.999842867	0.999940972	0.999978888
43	0.998689027	0.999425384	0.999758706	0.999906849	0.999965374
44	0.998153071	0.999170491	0.999640070	0.999857468	0.999945071
45	0.997456941	0.998831351	0.999477022	0.999787900	0.999915440
46	0.996570664	0.998389576	0.999258023	0.999692246	0.999873321
47	0.995462664	0.997825086	0.998969953	0.999563587	0.999814861
48	0.994100326	0.997116360	0.998598183	0.999393977	0.999735467
49	0.992450601	0.996240737	0.998126694	0.999174448	0.999629768
50	0.990480637	0.995174761	0.997538237	0.998895047	0.999491589

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	57	58	59	60	61
35	0.999999959	0.999999992	0.999999998	1.000000000	1.000000000
36	0.999999895	0.999999977	0.999999995	0.999999999	1.000000000
37	0.999999752	0.999999941	0.999999987	0.999999997	1.000000000
38	0.999999458	0.999999862	0.999999967	0.999999993	0.999999999
39	0.999998891	0.999999702	0.999999925	0.999999983	0.999999996
40	0.999997860	0.999999392	0.999999841	0.999999962	0.999999992
41	0.999996073	0.999998828	0.999999683	0.999999919	0.999999982
42	0.999993106	0.999997845	0.999999398	0.999999837	0.999999962
43	0.999988366	0.999996205	0.999998908	0.999999690	0.999999925
44	0.999981051	0.999993566	0.999998097	0.999999436	0.999999860
45	0.999970100	0.999989459	0.999996802	0.999999012	0.999999748
46	0.999954158	0.999983259	0.999994799	0.999998329	0.999999564
47	0.999931523	0.999974150	0.999991789	0.999997263	0.999999270
48	0.999900114	0.999961095	0.999987379	0.999995645	0.999998814
49	0.999857428	0.999942801	0.999981071	0.999993253	0.999998125
50	0.999800513	0.999917691	0.999972239	0.999989795	0.999997110

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	62	63	64	65	66
35	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
36	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
37	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
38	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
39	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
40	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
41	0.999999996	0.999999999	1.000000000	1.000000000	1.000000000
42	0.999999991	0.999999998	1.000000000	1.000000000	1.000000000
43	0.999999982	0.999999996	0.999999999	1.000000000	1.000000000
44	0.999999964	0.999999993	0.999999998	1.000000000	1.000000000
45	0.999999933	0.999999986	0.999999997	0.999999999	1.000000000
46	0.999999878	0.999999974	0.999999994	0.999999999	1.000000000
47	0.999999787	0.999999954	0.999999988	0.999999998	1.000000000
48	0.999999641	0.999999921	0.999999979	0.999999996	0.999999999
49	0.999999411	0.999999867	0.999999964	0.999999994	0.999999999
50	0.999999061	0.999999784	0.999999939	0.999999989	0.999999997

P(U ≤ U') (CONTINUED)

M = 35

N \ U'	67	68	69	70
35	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.
.	.	.	.	.
50	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	2	3	4	5	6
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	7	8	9	10	11
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	12	13	14	15	16
36	0.000000001	0.000000003	0.000000015	0.000000064	0.000000269
37	0.000000000	0.000000002	0.000000009	0.000000040	0.000000168
38	0.000000000	0.000000001	0.000000005	0.000000025	0.000000106
39	0.000000000	0.000000001	0.000000003	0.000000015	0.000000067
40	0.000000000	0.000000000	0.000000002	0.000000010	0.000000043
41	0.000000000	0.000000000	0.000000001	0.000000006	0.000000028
42	0.000000000	0.000000000	0.000000001	0.000000004	0.000000018
43	0.000000000	0.000000000	0.000000001	0.000000003	0.000000012
44	0.000000000	0.000000000	0.000000000	0.000000002	0.000000009
45	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
46	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	17	18	19	20	21
36	0.000000984	0.000003487	0.000010998	0.000033531	0.000092115
37	0.000000626	0.000002258	0.000007243	0.000022470	0.000062823
38	0.000000401	0.000001470	0.000004796	0.000015128	0.000043027
39	0.000000259	0.000000963	0.000003192	0.000010233	0.000029594
40	0.000000168	0.000000634	0.000002136	0.000006953	0.000020442
41	0.000000110	0.000000420	0.000001437	0.000004747	0.000014173
42	0.000000072	0.000000280	0.000000971	0.000003255	0.000009877
43	0.000000048	0.000000187	0.000000660	0.000002242	0.000006908
44	0.000000032	0.000000126	0.000000451	0.000001551	0.000004852
45	0.000000021	0.000000085	0.000000309	0.000001078	0.000003421
46	0.000000014	0.000000058	0.000000213	0.000000752	0.000002423
47	0.000000010	0.000000040	0.000000148	0.000000527	0.000001722
48	0.000000006	0.000000027	0.000000103	0.000000371	0.000001229
49	0.000000004	0.000000019	0.000000072	0.000000262	0.000000880
50	0.000000003	0.000000013	0.000000050	0.000000186	0.000000633

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	22	23	24	25	26
36	0.000244433	0.000590611	0.001377379	0.002950916	0.006097990
37	0.000169718	0.000417522	0.000991755	0.002164148	0.004556786
38	0.000118250	0.000296050	0.000715681	0.001589915	0.003408320
39	0.000082680	0.000210569	0.000517677	0.001170283	0.002552271
40	0.000058016	0.000150244	0.000375380	0.000863174	0.001913808
41	0.000040855	0.000107546	0.000272894	0.000638038	0.001437222
42	0.000028874	0.000077232	0.000198911	0.000472690	0.001081087
43	0.000020480	0.000055644	0.000145376	0.000351011	0.000814625
44	0.000014578	0.000040221	0.000106538	0.000261279	0.000614972
45	0.000010414	0.000029168	0.000078292	0.000194962	0.000465143
46	0.000007466	0.000021222	0.000057695	0.000145838	0.000352518
47	0.000005371	0.000015490	0.000042635	0.000109365	0.000267707
48	0.000003878	0.000011343	0.000031594	0.000082220	0.000203724
49	0.000002809	0.000008333	0.000023477	0.000061970	0.000155361
50	0.000002042	0.000006141	0.000017495	0.000046825	0.000118732

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	27	28	29	30	31
36	0.011665890	0.021516789	0.036996775	0.061322465	0.095378432
37	0.008881940	0.016696948	0.029256782	0.049432262	0.078350449
38	0.006765375	0.012952257	0.023116419	0.039783119	0.064227613
39	0.005156786	0.010046897	0.018255298	0.031977548	0.052560923
40	0.003934259	0.007794872	0.014413068	0.025679757	0.042955348
41	0.003004851	0.006050261	0.011379728	0.020609184	0.035068665
42	0.002297881	0.004699070	0.008986906	0.016533498	0.028608046
43	0.001759684	0.003652546	0.007100258	0.013261716	0.023325431
44	0.001349564	0.002841770	0.005613010	0.010637785	0.019012411
45	0.001036682	0.002213332	0.004440562	0.008534824	0.015495068
46	0.000797675	0.001725901	0.003516051	0.006850088	0.012629085
47	0.000614843	0.001347528	0.002786731	0.005500657	0.010295259
48	0.000474770	0.001053530	0.002211050	0.004419786	0.008395511
49	0.000367286	0.000824847	0.001756310	0.003553870	0.006849396
50	0.000284671	0.000646759	0.001396798	0.002859928	0.005591104

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	32	33	34	35	36
36	0.143056786	0.202654729	0.277152157	0.360413989	0.453471330
37	0.119777434	0.172855758	0.240821904	0.318783073	0.408150325
38	0.100005464	0.146963892	0.208457073	0.280801991	0.365700880
39	0.083298763	0.124602736	0.179834792	0.246438155	0.326323967
40	0.069244290	0.105391586	0.154683352	0.215573182	0.290107791
41	0.057465478	0.088960997	0.132704772	0.188027783	0.257049104
42	0.047625458	0.074962989	0.113592107	0.163582732	0.227073498
43	0.039427376	0.063077106	0.097042144	0.141995871	0.200053757
44	0.032612803	0.053013391	0.082764248	0.123015409	0.175825754
45	0.026959000	0.044513146	0.070486117	0.106389929	0.154201765
46	0.022275564	0.037348188	0.059957124	0.091875622	0.134981241
47	0.018400851	0.031319139	0.050949869	0.079241217	0.117959267
48	0.015198419	0.026253144	0.043260413	0.068271102	0.102932976
49	0.012553652	0.022001326	0.036707612	0.058767040	0.089706216
50	0.010370662	0.018436166	0.031131867	0.050548822	0.078092782

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	37	38	39	40	41
36	0.546528670	0.639586011	0.722847843	0.797345271	0.856943214
37	0.500000000	0.594332099	0.661216927	0.761177100	0.827144242
38	0.455316374	0.549648473	0.639015725	0.723418129	0.795160173
39	0.412866930	0.506067043	0.596814523	0.686593023	0.761399211
40	0.372924024	0.464021879	0.555119735	0.645208196	0.726287811
41	0.335656719	0.423850629	0.514365431	0.605735299	0.690252427
42	0.301146059	0.385800414	0.474910261	0.566599604	0.653704480
43	0.269400675	0.350036628	0.437038576	0.528172837	0.617028742
44	0.240371733	0.316653343	0.400964597	0.490769817	0.580575038
45	0.213966560	0.285684313	0.366838614	0.454648162	0.544652950
46	0.190060642	0.257113826	0.334754355	0.420010343	0.509529130
47	0.168507833	0.230886914	0.304756878	0.387007412	0.475426735
48	0.149148808	0.206918597	0.276850447	0.355743816	0.442526522
49	0.131817871	0.185102006	0.251006068	0.326282824	0.410969174
50	0.116348283	0.165315324	0.227168428	0.298652169	0.380858472

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	42	43	44	45	46
36	0.904621568	0.938677535	0.963003225	0.978483211	0.988334110
37	0.881517160	0.921649551	0.951240254	0.970743218	0.983582160
38	0.855929904	0.902230652	0.937369612	0.961327994	0.977590653
39	0.828110872	0.880527177	0.921371050	0.950147416	0.970231800
40	0.798358580	0.856701584	0.903277931	0.937151638	0.961402133
41	0.767003116	0.830962023	0.883173376	0.922331891	0.951026560
42	0.734391101	0.803551063	0.861184364	0.905719188	0.939060767
43	0.700872263	0.774734412	0.837474462	0.887381319	0.925492010
44	0.666798049	0.744790298	0.812235851	0.867418576	0.910338474
45	0.632462498	0.713999936	0.785681201	0.845958627	0.893647402
46	0.598195357	0.682639383	0.758035835	0.823150952	0.875492291
47	0.564257311	0.650972874	0.729530526	0.799161172	0.855969392
48	0.530887095	0.619247668	0.700395133	0.774165556	0.835193815
49	0.498290211	0.587690320	0.670853213	0.748345908	0.813295439
50	0.466638961	0.556504236	0.641117644	0.721884987	0.790414855

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	47	48	49	50	51
36	0.993902010	0.997049084	0.998622621	0.999409389	0.999755567
37	0.991118060	0.995535238	0.997835852	0.999032171	0.999582478
38	0.987489663	0.993484406	0.996731558	0.998480024	0.999319288
39	0.982893695	0.990790768	0.995232872	0.997700707	0.998934625
40	0.977217673	0.987348787	0.993258604	0.996635642	0.998391701
41	0.970364272	0.983057188	0.990725825	0.995221233	0.997648753
42	0.962254909	0.977822716	0.987552596	0.993390524	0.996659763
43	0.952832289	0.971563442	0.983660644	0.991075059	0.995375419
44	0.942061876	0.964211464	0.978977856	0.988206851	0.993744248
45	0.929932340	0.955714929	0.973440459	0.984720342	0.991713869
46	0.916455077	0.946039312	0.966994812	0.980554253	0.989232295
47	0.901662960	0.935167997	0.959598753	0.975653250	0.986249218
48	0.885608463	0.923102195	0.951222494	0.969969360	0.982717229
49	0.868361347	0.909860291	0.941849061	0.963463095	0.978592918
50	0.850006044	0.895476712	0.931474325	0.956104270	0.973837831

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	52	53	54	55	56
36	0.999907885	0.999966469	0.999989002	0.999996513	0.999999016
37	0.999835141	0.999937177	0.999978291	0.999992757	0.999997833
38	0.999719337	0.999888589	0.999959603	0.999985905	0.999995549
39	0.999542700	0.999811656	0.999928593	0.999974069	0.999991393
40	0.999283239	0.999694719	0.999879357	0.999954580	0.999984213
41	0.998914660	0.999523269	0.999804165	0.999923807	0.999972357
42	0.998406471	0.999279825	0.999693247	0.999876990	0.999953550
43	0.997724306	0.998943920	0.999534616	0.999808087	0.999924768
44	0.996830424	0.998492211	0.999313974	0.999709637	0.999882106
45	0.995684388	0.997898716	0.999014690	0.999572677	0.999820671
46	0.994243864	0.997135154	0.998617867	0.999386681	0.999734478
47	0.992465519	0.996171391	0.998102490	0.999139562	0.999616377
48	0.990305960	0.994975948	0.997445654	0.998817712	0.999458006
49	0.987722686	0.993516577	0.996622859	0.998406095	0.999249776
50	0.984675007	0.991760852	0.995608371	0.997888381	0.998980886

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	57	58	59	60	61
36	0.999999731	0.999999936	0.999999985	0.999999997	0.999999999
37	0.999999374	0.999999840	0.999999960	0.999999992	0.999999998
38	0.999998649	0.999999633	0.999999904	0.999999978	0.999999995
39	0.999997271	0.999999216	0.999999785	0.999999947	0.999999988
40	0.999994796	0.999998425	0.999999551	0.999999883	0.999999972
41	0.999990563	0.999997003	0.999999113	0.999999756	0.999999938
42	0.999983627	0.999994564	0.999998336	0.999999519	0.999999874
43	0.999972690	0.999990549	0.999997016	0.999999097	0.999999756
44	0.999956021	0.999984179	0.999994860	0.999998376	0.999999548
45	0.999931383	0.999974402	0.999991462	0.999997191	0.999999196
46	0.999895955	0.999959836	0.999986270	0.999995309	0.999998623
47	0.999846270	0.999938714	0.999978560	0.999992410	0.999997719
48	0.999778153	0.999908826	0.999967403	0.999988068	0.999996334
49	0.999686683	0.999867472	0.999951632	0.999981728	0.999994268
50	0.999566157	0.999811413	0.999929813	0.999972682	0.999991258

P U ≤ U') (CONTINUED)

M = 36

N \ U'	62	63	64	65	66
36	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
37	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
38	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
39	0.999999997	1.000000000	1.000000000	1.000000000	1.000000000
40	0.999999994	0.999999999	1.000000000	1.000000000	1.000000000
41	0.999999986	0.999999997	0.999999999	1.000000000	1.000000000
42	0.999999969	0.999999993	0.999999999	1.000000000	1.000000000
43	0.999999936	0.999999986	0.999999997	0.999999999	1.000000000
44	0.999999876	0.999999971	0.999999993	0.999999999	1.000000000
45	0.999999769	0.999999944	0.999999986	0.999999997	0.999999999
46	0.999999587	0.999999898	0.999999974	0.999999995	0.999999999
47	0.999999289	0.999999821	0.999999951	0.999999990	0.999999998
48	0.999998814	0.999999694	0.999999913	0.999999982	0.999999996
49	0.999998080	0.999999494	0.999999851	0.999999968	0.999999992
50	0.999996974	0.999999187	0.999999752	0.999999946	0.999999986

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	67	68	69	70	71
36	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
49	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
50	0.999999998	0.999999999	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 36

N \ U'	72
36	1.000000000
.	.
.	.
50	1.000000000

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	2	3	4	5	6
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	7	8	9	10	11
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	12	13	14	15	16
37	0.000000000	0.000000001	0.000000005	0.000000024	0.000000104
38	0.000000000	0.000000001	0.000000003	0.000000015	0.000000065
39	0.000000000	0.000000000	0.000000002	0.000000009	0.000000040
40	0.000000000	0.000000000	0.000000001	0.000000006	0.000000025
41	0.000000000	0.000000000	0.000000001	0.000000004	0.000000016
42	0.000000000	0.000000000	0.000000000	0.000000002	0.000000010
43	0.000000000	0.000000000	0.000000000	0.000000001	0.000000007
44	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
45	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	17	18	19	20	21
37	0.000000393	0.000001442	0.000004705	0.000014857	0.000042266
38	0.000000248	0.000000926	0.000003073	0.000009870	0.000028561
39	0.000000158	0.000000599	0.000002019	0.000006589	0.000019386
40	0.000000101	0.000000389	0.000001333	0.000004420	0.000013216
41	0.000000065	0.000000254	0.000000885	0.000002979	0.000009049
42	0.000000042	0.000000167	0.000000591	0.000002017	0.000006223
43	0.000000028	0.000000111	0.000000396	0.000001372	0.000004298
44	0.000000018	0.000000073	0.000000267	0.000000937	0.000002981
45	0.000000012	0.000000049	0.000000181	0.000000643	0.000002077
46	0.000000008	0.000000033	0.000000123	0.000000444	0.000001453
47	0.000000005	0.000000022	0.000000084	0.000000307	0.000001020
48	0.000000004	0.000000015	0.000000058	0.000000214	0.000000719
49	0.000000002	0.000000010	0.000000040	0.000000149	0.000000509
50	0.000000002	0.000000007	0.000000028	0.000000105	0.000000362

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	22	23	24	25	26
37	0.000116270	0.000291191	0.000704639	0.001565988	0.003360467
38	0.000079944	0.000203731	0.000501837	0.001135313	0.002480933
39	0.000055170	0.000143005	0.000358304	0.000824786	0.001834001
40	0.000038215	0.000100714	0.000256497	0.000600516	0.001357791
41	0.000026570	0.000071169	0.000184115	0.000438243	0.001006892
42	0.000018543	0.000050463	0.000132527	0.000320591	0.000748009
43	0.000012989	0.000035903	0.000095664	0.000235107	0.000556739
44	0.000009133	0.000025631	0.000069253	0.000172856	0.000415201
45	0.000006446	0.000018361	0.000050280	0.000127416	0.000310283
46	0.000004566	0.000013198	0.000036611	0.000094168	0.000232369
47	0.000003246	0.000009518	0.000026736	0.000069779	0.000174398
48	0.000002316	0.000006888	0.000019582	0.000051844	0.000131179
49	0.000001658	0.000005001	0.000014384	0.000038622	0.000098892
50	0.000001192	0.000003643	0.000010596	0.000028848	0.000074720

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	27	28	29	30	31
37	0.006673351	0.012789444	0.022837311	0.039344522	0.063555097
38	0.005016909	0.009794257	0.017813378	0.031267950	0.051449810
39	0.003774798	0.007501130	0.013889127	0.024820968	0.041583123
40	0.002843215	0.005746851	0.010828212	0.019687262	0.033566440
41	0.002144192	0.004405333	0.008443083	0.015607206	0.027069803
42	0.001619285	0.003379539	0.006585718	0.012369412	0.021816113
43	0.001224745	0.002595012	0.005139794	0.009802898	0.017574737
44	0.000927853	0.001994745	0.004014218	0.007770110	0.014155128
45	0.000704150	0.001535167	0.003137843	0.006160878	0.011400807
46	0.000535350	0.001183018	0.002455222	0.004887279	0.009183914
47	0.000407779	0.000912923	0.001923209	0.003879350	0.007400405
48	0.000311208	0.000705534	0.001508270	0.003081552	0.005965901
49	0.000237976	0.000546101	0.001184359	0.002449871	0.004812161
50	0.000182342	0.000423372	0.000931257	0.001949485	0.003884119

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	32	33	34	35	36
37	0.099063941	0.145669299	0.206838831	0.278802986	0.363466699
38	0.081707649	0.122366620	0.176972564	0.242820909	0.322179028
39	0.067236508	0.102509913	0.150910636	0.210699765	0.284389448
40	0.055221895	0.085674879	0.128309056	0.182228751	0.250089380
41	0.045282596	0.071463487	0.108813941	0.157149824	0.219185181
42	0.037085066	0.059511341	0.092077155	0.135178968	0.191521207
43	0.030341278	0.049491091	0.077766985	0.116022607	0.166899648
44	0.024805170	0.041113048	0.065574864	0.099389728	0.145096928
45	0.020268378	0.034123957	0.055219078	0.085000424	0.125876782
46	0.016555750	0.028304614	0.046446242	0.072591530	0.109000334
47	0.013520954	0.023466846	0.039031211	0.061919984	0.094233544
48	0.011042357	0.019450236	0.032775932	0.052764475	0.081352472
49	0.009019287	0.016118812	0.027507633	0.044925830	0.070146749
50	0.007368723	0.013357886	0.023076664	0.038226524	0.060421657

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	37	38	39	40	41
37	0.452833950	0.547166050	0.636533301	0.721197014	0.793161169
38	0.408150325	0.501224662	0.591849675	0.680025364	0.757179091
39	0.366266873	0.457014352	0.547761831	0.638257932	0.719704424
40	0.327375096	0.414923684	0.504776183	0.596447558	0.681243581
41	0.291559764	0.375230909	0.463305799	0.555089105	0.642283246
42	0.258818881	0.338115365	0.423672099	0.514610449	0.603275341
43	0.229082699	0.303670955	0.386110606	0.475368574	0.564626542
44	0.202230927	0.271920300	0.350779327	0.437649736	0.526691906
45	0.178107683	0.242828583	0.317768572	0.401672674	0.489771982
46	0.156534050	0.216316407	0.287111303	0.367593923	0.454112738
47	0.137318292	0.192271292	0.258793345	0.335514431	0.419907625
48	0.120263913	0.170557612	0.232762976	0.305486829	0.387301164
49	0.105175803	0.151024943	0.208939645	0.277522846	0.356393526
50	0.091864763	0.133514889	0.187221632	0.251600498	0.327245666

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	42	43	44	45	46
37	0.854330701	0.900936059	0.936444903	0.960655478	0.977162689
38	0.824633493	0.877633380	0.919237909	0.948550190	0.969180535
39	0.792780025	0.851936465	0.899659307	0.934366828	0.959510061
40	0.759164250	0.824098140	0.877812162	0.918097678	0.948062111
41	0.724199847	0.794414076	0.853854693	0.899786080	0.934787269
42	0.688302699	0.763207752	0.827990501	0.879522233	0.919676829
43	0.651876206	0.730816378	0.800457833	0.857437205	0.902761705
44	0.615299723	0.697578410	0.771518721	0.833695800	0.884109647
45	0.578920091	0.663823051	0.741448616	0.808488876	0.863821148
46	0.543046032	0.629861867	0.710526987	0.782025615	0.842024464
47	0.507945071	0.595982517	0.679029178	0.754526143	0.818870147
48	0.473842548	0.562444442	0.647219676	0.726214781	0.794525403
49	0.440922321	0.529476296	0.615346817	0.697314133	0.769168598
50	0.409328720	0.497274850	0.583638880	0.668040092	0.742984095

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	47	48	49	50	51
37	0.987210556	0.993326649	0.996639533	0.998434012	0.999295361
38	0.982186622	0.990376362	0.994983091	0.997570821	0.998864687
39	0.975907822	0.986554484	0.992765036	0.996369375	0.998243631
40	0.968255534	0.981736696	0.989881566	0.994749763	0.997378590
41	0.959135923	0.975809458	0.986230417	0.992627728	0.996210223
42	0.948483387	0.968674545	0.981714668	0.989917326	0.994674868
43	0.936262423	0.960252707	0.976246230	0.986533730	0.992706230
44	0.922468010	0.950486292	0.969748861	0.982396002	0.990237230
45	0.907124665	0.939340808	0.962160576	0.977429686	0.987201916
46	0.890284408	0.926805447	0.953435371	0.971569081	0.983537330
47	0.872023889	0.912892670	0.943544256	0.964759127	0.979185239
48	0.852440931	0.897636995	0.932475628	0.956956829	0.974093670
49	0.831650742	0.881093134	0.920235027	0.948132210	0.968218182
50	0.809781991	0.863333654	0.906844379	0.938268792	0.961522858

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	52	53	54	55	56
37	0.999708809	0.999883730	0.999957734	0.999985143	0.999995295
38	0.999510584	0.999796269	0.999922391	0.999971439	0.999990470
39	0.999212478	0.999659637	0.999864586	0.999948083	0.999981819
40	0.998780631	0.999454689	0.999774089	0.999910130	0.999967087
41	0.998175477	0.999158103	0.999637788	0.999850981	0.999943102
42	0.997352215	0.998742377	0.999439438	0.999762151	0.999905579
43	0.996261590	0.998176015	0.999159524	0.999633066	0.999848925
44	0.994850907	0.997423919	0.998775263	0.999450934	0.999766062
45	0.993065254	0.996447949	0.998260727	0.999200686	0.999648285
46	0.990848842	0.995207628	0.997587114	0.998864986	0.999485154
47	0.988146401	0.993660962	0.996723134	0.998424340	0.999264442
48	0.984904569	0.991765331	0.995635505	0.997857271	0.998972136
49	0.981073204	0.989478411	0.994289536	0.997140573	0.998592490
50	0.976606576	0.986759079	0.992649762	0.996249624	0.998108138

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	57	58	59	60	61
37	0.999998558	0.999999607	0.999999896	0.999999976	0.999999995
38	0.999996927	0.999999111	0.999999752	0.999999939	0.999999985
39	0.999993868	0.999998128	0.999999450	0.999999855	0.999999963
40	0.999988446	0.999996292	0.999998863	0.999999684	0.999999916
41	0.999979292	0.999993040	0.999997780	0.999999350	0.999999820
42	0.999964487	0.999987538	0.999995884	0.999998735	0.999999637
43	0.999941436	0.999978606	0.999992705	0.999997655	0.999999305
44	0.999906745	0.999964625	0.999987578	0.999995837	0.999998727
45	0.999856099	0.999943449	0.999979594	0.999992889	0.999997764
46	0.999784163	0.999912310	0.999967546	0.999988269	0.999996213
47	0.999684493	0.999867730	0.999949871	0.999981245	0.999993795
48	0.999549477	0.999805441	0.999924597	0.999970859	0.999990135
49	0.999370302	0.999720318	0.999889291	0.999955882	0.999984737
50	0.999136959	0.999606328	0.999841013	0.999934775	0.999976969

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	62	63	64	65	66
37	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
38	0.999999997	0.999999999	1.000000000	1.000000000	1.000000000
39	0.999999992	0.999999998	1.000000000	1.000000000	1.000000000
40	0.999999980	0.999999996	0.999999999	1.000000000	1.000000000
41	0.999999955	0.999999989	0.999999998	1.000000000	1.000000000
42	0.999999903	0.999999976	0.999999995	0.999999999	1.000000000
43	0.999999805	0.999999951	0.999999988	0.999999997	0.999999999
44	0.999999627	0.999999902	0.999999975	0.999999995	0.999999999
45	0.999999315	0.999999815	0.999999951	0.999999989	0.999999997
46	0.999998792	0.999999665	0.999999907	0.999999978	0.999999995
47	0.999997943	0.999999415	0.999999830	0.999999959	0.999999990
48	0.999996611	0.999999014	0.999999701	0.999999927	0.999999981
49	0.999994578	0.999998387	0.999999493	0.999999873	0.999999965
50	0.999991554	0.999997435	0.999999165	0.999999787	0.999999939

P(U ≤ U') (CONTINUED)

M = 37

N \ U'	67	68	69	70	71
37	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
47	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
48	0.999999996	0.999999999	1.000000000	1.000000000	1.000000000
49	0.999999993	0.999999998	1.000000000	1.000000000	1.000000000
50	0.999999987	0.999999997	0.999999999	1.000000000	1.000000000

P(≤ U') (CONTINUED)

M = 37

N \ U'	72	73	74
37	1.000000000	1.000000000	1.000000000
.	.	.	.
.	.	.	.
50	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	2	3	4	5	6
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	7	8	9	10	11
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	12	13	14	15	16
38	0.000000000	0.000000000	0.000000002	0.000000009	0.000000040
39	0.000000000	0.000000000	0.000000001	0.000000005	0.000000024
40	0.000000000	0.000000000	0.000000001	0.000000003	0.000000015
41	0.000000000	0.000000000	0.000000000	0.000000002	0.000000010
42	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
43	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
44	0.000000000	0.000000000	0.000000000	0.000000001	0.000000002
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	17	18	19	20	21
38	0.000000155	0.000000587	0.000001981	0.000006472	0.000019046
39	0.000000097	0.000000375	0.000001284	0.000004265	0.000012759
40	0.000000061	0.000000241	0.000000837	0.000002824	0.000008586
41	0.000000039	0.000000155	0.000000549	0.000001879	0.000005805
42	0.000000025	0.000000101	0.000000362	0.000001257	0.000003942
43	0.000000016	0.000000066	0.000000240	0.000000844	0.000002689
44	0.000000010	0.000000043	0.000000160	0.000000570	0.000001842
45	0.000000007	0.000000029	0.000000107	0.000000387	0.000001268
46	0.000000004	0.000000019	0.000000072	0.000000263	0.000000876
47	0.000000003	0.000000013	0.000000049	0.000000180	0.000000608
48	0.000000002	0.000000008	0.000000033	0.000000124	0.000000424
49	0.000000001	0.000000006	0.000000023	0.000000086	0.000000297
50	0.000000001	0.000000004	0.000000015	0.000000059	0.000000208

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	22	23	24	25	26
38	0.000054253	0.000140670	0.000352784	0.000812365	0.001808123
39	0.000036959	0.000097461	0.000248665	0.000582574	0.001319694
40	0.000025276	0.000067760	0.000175763	0.000418770	0.000964785
41	0.000017354	0.000047277	0.000124590	0.000301767	0.000706588
42	0.000011961	0.000033103	0.000088575	0.000218011	0.000518486
43	0.000008276	0.000023261	0.000063159	0.000157916	0.000381231
44	0.000005749	0.000016404	0.000045171	0.000114693	0.000280906
45	0.000004009	0.000011609	0.000032405	0.000083528	0.000207437
46	0.000002806	0.000008245	0.000023318	0.000060999	0.000153529
47	0.000001972	0.000005876	0.000016830	0.000044670	0.000113891
48	0.000001390	0.000004203	0.000012185	0.000032804	0.000084685
49	0.000000984	0.000003016	0.000008848	0.000024157	0.000063118
50	0.000000699	0.000002172	0.000006445	0.000017839	0.000047155

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	27	28	29	30	31
38	0.003723044	0.007405583	0.013718508	0.024540664	0.041134637
39	0.002765584	0.005600661	0.010562045	0.019240853	0.032837651
40	0.002056814	0.004237643	0.008131979	0.015075025	0.026183898
41	0.001531800	0.003208574	0.006262698	0.011806318	0.020860897
42	0.001142549	0.002431569	0.004825463	0.009244960	0.016610788
43	0.000853631	0.001844678	0.003720589	0.007239818	0.013222507
44	0.000638904	0.001401124	0.002871120	0.005671112	0.010524432
45	0.000479083	0.001065634	0.002217788	0.004444288	0.008377771
46	0.000359940	0.000811637	0.001715030	0.003484944	0.006670788
47	0.000270970	0.000619122	0.001327862	0.002734683	0.005313854
48	0.000204411	0.000473027	0.001029445	0.002147764	0.004235291
49	0.000154525	0.000362008	0.000799203	0.001688414	0.003377914
50	0.000117063	0.000277522	0.000621361	0.001328688	0.002696186

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	32	33	34	35	36
38	0.066578729	0.101564356	0.149669592	0.209093708	0.282499969
39	0.054129658	0.084071542	0.126156525	0.179381650	0.246659373
40	0.043927238	0.069433288	0.106028925	0.153387984	0.214549551
41	0.035594606	0.057234742	0.088889196	0.130784797	0.185988412
42	0.028808599	0.047105317	0.074359802	0.111233516	0.160744259
43	0.023295323	0.038719321	0.062091401	0.094399864	0.138556111
44	0.018824853	0.031794261	0.051767149	0.079964168	0.119149731
45	0.015205704	0.026087721	0.043104209	0.067627972	0.102249754
46	0.012279447	0.021393517	0.035853341	0.057117788	0.087588489
47	0.009915722	0.017537564	0.029797227	0.048186720	0.074911936
48	0.008007753	0.014373781	0.024748049	0.040614576	0.063983602
49	0.006468415	0.011780214	0.020544681	0.034206940	0.054586602
50	0.005226843	0.009655494	0.017049759	0.028793592	0.046524477

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	37	38	39	40	41
38	0.364062480	0.454687493	0.545312507	0.635937520	0.717500031
39	0.323281224	0.410493088	0.500000000	0.591801961	0.676718776
40	0.285904712	0.368963629	0.456394068	0.548196030	0.635407893
41	0.251926064	0.330301567	0.414864610	0.505615192	0.594097010
42	0.221257388	0.294606637	0.375676858	0.464468053	0.553259248
43	0.193751420	0.261893777	0.339002234	0.425076790	0.513303210
44	0.169220172	0.232110581	0.304931056	0.387681594	0.474569660
45	0.147450415	0.205153385	0.273485851	0.352447811	0.437331918
46	0.128216091	0.180881501	0.244634365	0.319474685	0.401799036
47	0.111287924	0.159129359	0.218301661	0.288804828	0.368120892
48	0.096440582	0.139716555	0.194380943	0.260433745	0.336394467
49	0.083457790	0.122455908	0.172742956	0.234318933	0.306670706
50	0.072135755	0.107159726	0.153243897	0.210388269	0.278961516

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	42	43	44	45	46
38	0.790906292	0.850330408	0.898435644	0.933421271	0.958865363
39	0.755209452	0.820618350	0.875081269	0.915928458	0.946535718
40	0.718029658	0.788848314	0.849362668	0.896123760	0.932132301
41	0.679856311	0.755406171	0.821524453	0.874118540	0.915647378
42	0.641162531	0.720694073	0.791853874	0.850075529	0.897123331
43	0.602390376	0.685114173	0.760666554	0.824199238	0.876648824
44	0.563940242	0.649055082	0.728292945	0.796725645	0.854353181
45	0.526164123	0.612881275	0.695066172	0.767911876	0.830399567
46	0.489362209	0.576925383	0.661311661	0.738026459	0.804977556
47	0.453782241	0.541483146	0.627338738	0.707340540	0.778295575
48	0.419620997	0.506810695	0.593634226	0.676120324	0.750573608
49	0.387027356	0.473123766	0.559857928	0.644620858	0.722036474
50	0.356106419	0.440598455	0.526839809	0.613081163	0.692907871

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	47	48	49	50	51
38	0.975459336	0.986281492	0.992594417	0.996276956	0.998191877
39	0.967162349	0.981048441	0.989437955	0.994500592	0.997234416
40	0.957181721	0.974539336	0.985387845	0.992138028	0.995918131
41	0.945439806	0.966635999	0.980325207	0.989083356	0.994163083
42	0.931897793	0.957244908	0.974142984	0.985232347	0.991885964
43	0.916556119	0.946300686	0.966750076	0.980486282	0.989002730
44	0.899452992	0.933768066	0.958074577	0.974755516	0.985431316
45	0.880661404	0.919642383	0.948066014	0.967962555	0.981094272
46	0.860284984	0.903948742	0.936696562	0.960044544	0.975921171
47	0.838453104	0.886740085	0.923961299	0.950955062	0.969850696
48	0.815315593	0.868094385	0.909877596	0.940665225	0.962832318
49	0.791037348	0.848111243	0.894483782	0.929164099	0.954827534
50	0.765793126	0.826908091	0.877837229	0.916458492	0.945810652

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	52	53	54	55	56
38	0.999187635	0.999647216	0.999859330	0.999945747	0.999980954
39	0.998708657	0.999417426	0.999757635	0.999902539	0.999964141
40	0.998024188	0.999077217	0.999600615	0.999833237	0.999935907
41	0.997077795	0.998591203	0.999367310	0.999726619	0.999890570
42	0.995807163	0.997918577	0.999032291	0.999568523	0.999820598
43	0.994145566	0.997013685	0.998565665	0.999341655	0.999716345
44	0.992023623	0.995826877	0.997933295	0.999025511	0.999565841
45	0.989371233	0.994305576	0.997097213	0.998596426	0.999354649
46	0.986119570	0.992395508	0.996016241	0.998027759	0.999065802
47	0.982203042	0.990042031	0.994646752	0.997290203	0.998679830
48	0.977561119	0.987191490	0.992943566	0.996352204	0.998174878
49	0.972139949	0.983792535	0.990860918	0.995180485	0.997526916
50	0.965893708	0.979797363	0.988353458	0.993740629	0.996710028

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	57	58	59	60	61
38	0.999993528	0.999998019	0.999999413	0.999999845	0.999999960
39	0.999987241	0.999995884	0.999998716	0.999999641	0.999999903
40	0.999976241	0.999991956	0.999997375	0.999999224	0.999999779
41	0.999957907	0.999985093	0.999994936	0.999998427	0.999999533
42	0.999928630	0.999973644	0.999990718	0.999996980	0.999999067
43	0.999883617	0.999955305	0.999983733	0.999994473	0.999998232
44	0.999816708	0.999926979	0.999972609	0.999990310	0.999996800
45	0.999720221	0.999884631	0.999955498	0.999983649	0.999994440
46	0.999584824	0.999823150	0.999929986	0.999973343	0.999990687
47	0.999399459	0.999736231	0.999893004	0.999957876	0.999984906
48	0.999151311	0.999616279	0.999840746	0.999935288	0.999976256
49	0.998825833	0.999454342	0.999768596	0.999903116	0.999963650
50	0.998406828	0.999240078	0.999671069	0.999858327	0.999945714

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	62	63	64	65	66
38	0.999999991	0.999999998	1.000000000	1.000000000	1.000000000
39	0.999999977	0.999999995	0.999999999	1.000000000	1.000000000
40	0.999999944	0.999999986	0.999999997	0.999999999	1.000000000
41	0.999999874	0.999999968	0.999999993	0.999999998	1.000000000
42	0.999999735	0.999999929	0.999999983	0.999999996	0.999999999
43	0.999999473	0.999999854	0.999999962	0.999999991	0.999999999
44	0.999999003	0.999999714	0.999999922	0.999999981	0.999999996
45	0.999998194	0.999999465	0.999999848	0.999999961	0.999999990
46	0.999996853	0.999999041	0.999999715	0.999999925	0.999999981
47	0.999994708	0.999998345	0.999999487	0.999999862	0.999999963
48	0.999991383	0.999997238	0.999999111	0.999999755	0.999999931
49	0.999986369	0.999995530	0.999998509	0.999999580	0.999999876
50	0.999979005	0.999992965	0.999997573	0.999999300	0.999999786

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	67	68	69	70	71
38	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.	.
.	.	.	.	.	.
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
44	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
45	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
46	0.999999996	0.999999999	1.000000000	1.000000000	1.000000000
47	0.999999992	0.999999998	1.000000000	1.000000000	1.000000000
48	0.999999984	0.999999996	0.999999999	1.000000000	1.000000000
49	0.999999971	0.999999992	0.999999999	1.000000000	1.000000000
50	0.999999948	0.999999986	0.999999997	0.999999999	1.000000000

P(U ≤ U') (CONTINUED)

M = 38

N \ U'	72	73	74	75	76
38	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	2	3	4	5	6
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	7	8	9	10	11
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≥ U') (CONTINUED)

M = 39

N \ U'	12	13	14	15	16
39	0.000000000	0.000000000	0.000000001	0.000000003	0.000000015
40	0.000000000	0.000000000	0.000000000	0.000000002	0.000000009
41	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
42	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	17	18	19	20	21
39	0.000000060	0.000000236	0.000000822	0.000002774	0.000008437
40	0.000000038	0.000000150	0.000000529	0.000001814	0.000005606
41	0.000000024	0.000000095	0.000000342	0.000001192	0.000003742
42	0.000000015	0.000000061	0.000000223	0.000000788	0.000002510
43	0.000000010	0.000000039	0.000000146	0.000000523	0.000001691
44	0.000000006	0.000000026	0.000000096	0.000000349	0.000001145
45	0.000000004	0.000000017	0.000000063	0.000000234	0.000000778
46	0.000000003	0.000000011	0.000000042	0.000000157	0.000000531
47	0.000000002	0.000000007	0.000000028	0.000000106	0.000000365
48	0.000000001	0.000000005	0.000000019	0.000000072	0.000000251
49	0.000000001	0.000000003	0.000000013	0.000000049	0.000000174
50	0.000000000	0.000000002	0.000000009	0.000000034	0.000000121

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	22	23	24	25	26
39	0.000024859	0.000066660	0.000173063	0.000412470	0.000951134
40	0.000016788	0.000045760	0.000120800	0.000292766	0.000686726
41	0.000011383	0.000031528	0.000084573	0.000208346	0.000496781
42	0.000007750	0.000021803	0.000059393	0.000148670	0.000360115
43	0.000005298	0.000015134	0.000041840	0.000106381	0.000261613
44	0.000003636	0.000010543	0.000029568	0.000076336	0.000190483
45	0.000002505	0.000007373	0.000020962	0.000054934	0.000139015
46	0.000001733	0.000005175	0.000014908	0.000039646	0.000101695
47	0.000001204	0.000003645	0.000010636	0.000028696	0.000074575
48	0.000000839	0.000002577	0.000007613	0.000020831	0.000054823
49	0.000000587	0.000001828	0.000005466	0.000015166	0.000040402
50	0.000000413	0.000001302	0.000003937	0.000011074	0.000029850

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	27	28	29	30	31
39	0.002028464	0.004183122	0.008030727	0.014901449	0.025894605
40	0.001489799	0.003126248	0.006106924	0.011533925	0.020398027
41	0.001095839	0.002338328	0.004645809	0.008924790	0.016056426
42	0.000807404	0.001750775	0.003536443	0.006905627	0.012633241
43	0.000595958	0.001312413	0.002694147	0.005344298	0.009937893
44	0.000440727	0.000985117	0.002054455	0.004137582	0.007817772
45	0.000326580	0.000740518	0.001568392	0.003205135	0.006151271
46	0.000242499	0.000557518	0.001198805	0.002484596	0.004841877
47	0.000180450	0.000420432	0.000917539	0.001927669	0.003813245
48	0.000134571	0.000317600	0.000703269	0.001497018	0.003005141
49	0.000100580	0.000240348	0.000539850	0.001163813	0.002370142
50	0.000075344	0.000182220	0.000415057	0.000905815	0.001870971

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	32	33	34	35	36
39	0.043483654	0.068767912	0.105114034	0.152150191	0.213020512
40	0.034870029	0.056125783	0.087331039	0.128632112	0.183268304
41	0.027923468	0.045724031	0.072378520	0.108440476	0.157137951
42	0.022336492	0.037194595	0.059860783	0.091193454	0.134329797
43	0.017853011	0.030220383	0.049420728	0.076527097	0.114529164
44	0.014261578	0.024531392	0.040741590	0.064103345	0.097421190
45	0.011388847	0.019899907	0.033546247	0.053614393	0.082701401
46	0.009093556	0.016135400	0.027595003	0.044784409	0.070082773
47	0.007261156	0.013079505	0.022682476	0.037369371	0.059300030
48	0.005799138	0.010601320	0.018634060	0.031155685	0.050111840
49	0.004633048	0.008593134	0.015302298	0.025958029	0.042301459
50	0.003703133	0.006966670	0.012563351	0.021616805	0.035676287

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	37	38	39	40	41
39	0.284035886	0.366887156	0.454099019	0.545900981	0.633112844
40	0.248528199	0.326435361	0.410493088	0.501132999	0.589506912
41	0.216657087	0.289252397	0.369489318	0.457971136	0.546452954
42	0.188250227	0.255351206	0.331281261	0.416783893	0.504424091
43	0.163087360	0.224664782	0.295964956	0.377840753	0.463810341
44	0.140919488	0.197066227	0.263555786	0.341321353	0.424919337
45	0.121484078	0.172386341	0.234004871	0.307326691	0.387980693
46	0.104516657	0.150428502	0.207214206	0.275891205	0.353152828
47	0.089759278	0.130980794	0.183050077	0.246994810	0.320531254
48	0.076966394	0.113825585	0.161354542	0.220574295	0.290157505
49	0.065908636	0.098746825	0.141954968	0.196533675	0.262028123
50	0.056374969	0.085535375	0.124671711	0.174753295	0.236103237

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	42	43	44	45	46
39	0.715964114	0.786979488	0.847849809	0.894885966	0.931232088
40	0.675614828	0.751471801	0.818249368	0.871367888	0.913586763
41	0.634713568	0.714568409	0.786617889	0.845567464	0.893650072
42	0.593774342	0.676742432	0.753328361	0.817730165	0.871530198
43	0.553259649	0.638449467	0.718771295	0.788140147	0.847385793
44	0.513572083	0.600114049	0.683339076	0.757106713	0.821416961
45	0.475050354	0.562120015	0.647412744	0.724951589	0.793855426
46	0.437968922	0.524804446	0.611351480	0.691997580	0.764954584
47	0.402540375	0.488454692	0.575484779	0.658558953	0.734980001
48	0.368919777	0.453307926	0.540107164	0.624933692	0.704200765
49	0.337210291	0.419552666	0.505475145	0.591397623	0.672881957
50	0.307469495	0.387331737	0.471806084	0.558200302	0.641278378

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	47	48	49	50	51
39	0.956516346	0.974105395	0.985098551	0.991969273	0.995816878
40	0.943874217	0.965582221	0.979601973	0.988666975	0.993893076
41	0.929189391	0.955366689	0.972818222	0.984407130	0.991360475
42	0.912465005	0.943382227	0.964637816	0.979130264	0.988115581
43	0.893751950	0.929590526	0.954976184	0.972708813	0.984057696
44	0.873144769	0.913992110	0.943776629	0.965051286	0.979092560
45	0.850775987	0.896625043	0.931011835	0.956085538	0.973135656
46	0.826809435	0.877562134	0.916684005	0.945761072	0.966115013
47	0.801433086	0.856906966	0.900823787	0.934050330	0.957973440
48	0.774851852	0.834789147	0.883488200	0.920949009	0.948670008
49	0.747280696	0.811359114	0.864757795	0.906475515	0.938180982
50	0.718938319	0.786782798	0.844733290	0.890669655	0.926500020

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	52	53	54	55	56
39	0.997971536	0.999048866	0.999587530	0.999826937	0.999933340
40	0.996932196	0.998510201	0.999328426	0.999707234	0.999882327
41	0.995513940	0.997750421	0.998948536	0.999525406	0.999801515
42	0.993634305	0.996712055	0.998410124	0.999259158	0.999678434
43	0.991207492	0.995332374	0.997669807	0.998881810	0.999497430
44	0.988147053	0.993544925	0.996679173	0.998362380	0.999239453
45	0.984368674	0.991281301	0.995385674	0.997665880	0.998881991
46	0.979792871	0.988473047	0.993733759	0.996753798	0.998399123
47	0.974347480	0.985053584	0.991666177	0.995584750	0.997761736
48	0.967969817	0.980960074	0.989125377	0.994115285	0.996937859
49	0.960608428	0.976135121	0.986054953	0.992300773	0.995893140
50	0.952224385	0.970528260	0.982401043	0.990096366	0.994591412

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	57	58	59	60	61
39	0.999975141	0.999991563	0.999997226	0.999999178	0.999999764
40	0.999954240	0.999983720	0.999994394	0.999998250	0.999999471
41	0.999919847	0.999970209	0.999989311	0.999996497	0.999998893
42	0.999865611	0.999947969	0.999980628	0.999993359	0.999997815
43	0.999783254	0.999912816	0.999966429	0.999987997	0.999995905
44	0.999662328	0.999859222	0.999944090	0.999979208	0.999992670
45	0.999490046	0.999780113	0.999910143	0.999965328	0.999987402
46	0.999251167	0.999666696	0.999860131	0.999944127	0.999979125
47	0.998927978	0.999508322	0.999788489	0.999912700	0.999966525
48	0.998500356	0.999292405	0.999688429	0.999867370	0.999947893
49	0.997945922	0.999004387	0.999551869	0.999803585	0.999921052
50	0.997240278	0.998627779	0.999369375	0.999715838	0.999883295

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	62	63	64	65	66
39	0.999999940	0.999999985	0.999999997	0.999999999	1.000000000
40	0.999999857	0.999999962	0.999999991	0.999999998	1.000000000
41	0.999999683	0.999999913	0.999999978	0.999999995	0.999999999
42	0.999999342	0.999999811	0.999999951	0.999999988	0.999999997
43	0.999998709	0.999999614	0.999999894	0.999999972	0.999999993
44	0.999997586	0.999999252	0.999999784	0.999999942	0.999999985
45	0.999995680	0.999998617	0.999999582	0.999999884	0.999999969
46	0.999992564	0.999997549	0.999999227	0.999999778	0.999999939
47	0.999987641	0.999995815	0.999998628	0.999999594	0.999999883
48	0.999980103	0.999993090	0.999997649	0.999999287	0.999999785
49	0.999968878	0.999988934	0.999996101	0.999998788	0.999999621
50	0.999952588	0.999982763	0.999993723	0.999998004	0.999999353

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	67	68	69	70	71
39	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
40	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
41	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
42	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
43	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
44	0.999999997	0.999999999	1.000000000	1.000000000	1.000000000
45	0.999999993	0.999999998	1.000000000	1.000000000	1.000000000
46	0.999999985	0.999999996	0.999999999	1.000000000	1.000000000
47	0.999999970	0.999999993	0.999999998	1.000000000	1.000000000
48	0.999999944	0.999999985	0.999999997	0.999999999	1.000000000
49	0.999999899	0.999999972	0.999999994	0.999999999	1.000000000
50	0.999999823	0.999999949	0.999999988	0.999999997	0.999999999

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	72	73	74	75	76
39	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 39

N \ U'	77	78
39	1.000000000	1.000000000
⋮	⋮	⋮
50	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	2	3	4	5	6
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	7	8	9	10	11
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	12	13	14	15	16
40	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
41	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	17	18	19	20	21
40	0.000000023	0.000000094	0.000000336	0.000001172	0.000003678
41	0.000000014	0.000000059	0.000000215	0.000000761	0.000002425
42	0.000000009	0.000000037	0.000000138	0.000000496	0.000001606
43	0.000000006	0.000000024	0.000000089	0.000000325	0.000001069
44	0.000000004	0.000000015	0.000000058	0.000000214	0.000000715
45	0.000000002	0.000000010	0.000000038	0.000000142	0.000000480
46	0.000000001	0.000000006	0.000000025	0.000000095	0.000000324
47	0.000000001	0.000000004	0.000000016	0.000000063	0.000000220
48	0.000000001	0.000000003	0.000000011	0.000000042	0.000000150
49	0.000000000	0.000000002	0.000000007	0.000000029	0.000000102
50	0.000000000	0.000000001	0.000000005	0.000000019	0.000000070

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	22	23	24	25	26
40	0.000011197	0.000031020	0.000083280	0.000205220	0.000489746
41	0.000007499	0.000021108	0.000057595	0.000144250	0.000349992
42	0.000005044	0.000014419	0.000039960	0.000101682	0.000250668
43	0.000003407	0.000009888	0.000027815	0.000071885	0.000179945
44	0.000002310	0.000006807	0.000019425	0.000050970	0.000129484
45	0.000001573	0.000004704	0.000013610	0.000036249	0.000093402
46	0.000001076	0.000003263	0.000009568	0.000025858	0.000067544
47	0.000000739	0.000002272	0.000006749	0.000018501	0.000048970
48	0.000000509	0.000001588	0.000004776	0.000013278	0.000035595
49	0.000000352	0.000001114	0.000003391	0.000009558	0.000025941
50	0.000000245	0.000000784	0.000002416	0.000006902	0.000018955

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	27	28	29	30	31
40	0.001080687	0.002308024	0.004587364	0.008820425	0.015875526
41	0.000785216	0.001705579	0.003447694	0.006744094	0.012347975
42	0.000571561	0.001261833	0.002593071	0.005156939	0.009600975
43	0.000416845	0.000934764	0.001952105	0.003944507	0.007464419
44	0.000304629	0.000693479	0.001471180	0.003018645	0.005804083
45	0.000223096	0.000515287	0.001110105	0.002311666	0.004514529
46	0.000163745	0.000383525	0.000838784	0.001771730	0.003513228
47	0.000120454	0.000285960	0.000634702	0.001359210	0.002735773
48	0.000088814	0.000213606	0.000481019	0.001043859	0.002132017
49	0.000065638	0.000159863	0.000365140	0.000802616	0.001662984
50	0.000048625	0.000119876	0.000277645	0.000617904	0.001298421

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	32	33	34	35	36
40	0.027634028	0.045271781	0.071728411	0.107522675	0.155950208
41	0.021870910	0.036452905	0.058772284	0.089625543	0.132256329
42	0.017292576	0.029310703	0.048058982	0.074527139	0.111829077
43	0.013663005	0.023542002	0.039232174	0.061844481	0.094310649
44	0.010790361	0.018893063	0.031982042	0.051230541	0.079355995
45	0.008519734	0.015153354	0.026042505	0.042376231	0.066641329
46	0.006726706	0.012149451	0.021187358	0.035010041	0.055869157
47	0.005311798	0.009739342	0.017225915	0.028896162	0.046770680
48	0.004195765	0.007807323	0.013998565	0.023831715	0.039106304
49	0.003315668	0.006259512	0.011372505	0.019643522	0.032664845
50	0.002621649	0.005019999	0.009237787	0.016184733	0.027261900

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	37	38	39	40	41
40	0.215139415	0.287481780	0.367439130	0.455813043	0.544186957
41	0.185544812	0.252122521	0.327460455	0.412665168	0.500000000
42	0.159492664	0.220281008	0.290667510	0.371999282	0.457397643
43	0.136697036	0.191809359	0.257073952	0.334017473	0.416731757
44	0.116856599	0.166510178	0.226617142	0.298828025	0.378259997
45	0.099668822	0.144154834	0.199177006	0.266460559	0.342154555
46	0.084840152	0.124498224	0.174592631	0.236881072	0.308512779
47	0.072092914	0.107290267	0.152676328	0.210006089	0.277368559
48	0.061169597	0.092284499	0.133225159	0.185715395	0.248703678
49	0.051835127	0.079244209	0.116030082	0.163863106	0.222458560
50	0.043877652	0.067946559	0.100882958	0.144286998	0.198542048

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	42	43	44	45	46
40	0.632560870	0.712518220	0.784860585	0.844049792	0.892477325
41	0.589464949	0.672539545	0.749629524	0.814455188	0.868927860
42	0.546862593	0.632067306	0.713011784	0.782918379	0.843125015
43	0.505216806	0.591595067	0.675465249	0.749804729	0.815306648
44	0.464913057	0.551566117	0.637433208	0.715494200	0.785749092
45	0.426258996	0.512365923	0.599331059	0.680366753	0.754754287
46	0.389487752	0.474318676	0.561536617	0.644790107	0.722637526
47	0.354763736	0.437687141	0.524383779	0.609110040	0.689716419
48	0.322190008	0.402675037	0.488159135	0.573643233	0.656301411
49	0.291816445	0.369431221	0.453101050	0.538672466	0.622688038
50	0.263648109	0.338055035	0.419400702	0.504443899	0.589150958

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	47	48	49	50	51
40	0.928271589	0.954728219	0.972365972	0.984124474	0.991179575
41	0.910374457	0.941884169	0.963547095	0.978426681	0.987652025
42	0.890243253	0.927004583	0.953043858	0.971424523	0.983188149
43	0.867992974	0.910092506	0.940790081	0.963009279	0.977673949
44	0.843785743	0.891197835	0.926756904	0.953096955	0.971008190
45	0.817821978	0.870413543	0.910952873	0.941631286	0.963106175
46	0.790330933	0.847870330	0.893422352	0.928585316	0.953902651
47	0.761561235	0.823730238	0.874242553	0.913961638	0.943353762
48	0.731771921	0.798179720	0.853519552	0.897791418	0.931438036
49	0.701224334	0.771422600	0.831383619	0.880132415	0.918156476
50	0.670175100	0.743673285	0.807984197	0.861066219	0.903531837

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	52	53	54	55	56
40	0.995412636	0.997691976	0.998919313	0.999510254	0.999794780
41	0.993365786	0.996552306	0.998327291	0.999214784	0.999657921
42	0.990687460	0.995013986	0.997498965	0.998787472	0.999452179
43	0.987272643	0.992994941	0.996374362	0.998189237	0.999153461
44	0.983019253	0.990410677	0.994888174	0.997375672	0.998733048
45	0.977831813	0.987176929	0.992971337	0.996297756	0.998157690
46	0.971624785	0.983212334	0.990552863	0.994902806	0.997389926
47	0.964325439	0.978440990	0.987561809	0.993135642	0.996388609
48	0.955876106	0.972794770	0.983529275	0.990939889	0.995109601
49	0.946235783	0.966215289	0.979590344	0.988259360	0.993506638
50	0.935381051	0.958655476	0.974485854	0.985039440	0.991532284

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	57	58	59	60	61
40	0.999916720	0.999968980	0.999988803	0.999996322	0.999998828
41	0.999855750	0.999943926	0.999978892	0.999992731	0.999997575
42	0.999760792	0.999903229	0.999962169	0.999986388	0.999995269
43	0.999618355	0.999839733	0.999935155	0.999975693	0.999991232
44	0.999411736	0.999744154	0.999893169	0.999958388	0.999984476
45	0.999120869	0.999604832	0.999830125	0.999931406	0.999973606
46	0.998722312	0.999407539	0.999738339	0.999890702	0.999956726
47	0.998189358	0.999135374	0.999608382	0.999831106	0.999931332
48	0.997492294	0.998768736	0.999428965	0.999746178	0.999894211
49	0.996598784	0.998285409	0.999186881	0.999628091	0.999841342
50	0.995474367	0.997660733	0.998867004	0.999467540	0.999767807

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	62	63	64	65	66
40	0.999999664	0.999999906	0.999999977	0.999999994	0.999999999
41	0.999999267	0.999999785	0.999999944	0.999999986	0.999999997
42	0.999998498	0.999999540	0.999999872	0.999999966	0.999999992
43	0.999997088	0.999999071	0.999999729	0.999999924	0.999999981
44	0.999994621	0.999998221	0.999999456	0.999999842	0.999999958
45	0.999990486	0.999996748	0.999998961	0.999999688	0.999999912
46	0.999983813	0.999994298	0.999998103	0.999999411	0.999999827
47	0.999973402	0.999990366	0.999996670	0.999998935	0.999999674
48	0.999957654	0.999984259	0.999994360	0.999998147	0.999999410
49	0.999934467	0.999975049	0.999990751	0.999996885	0.999998970
50	0.999901260	0.999961529	0.999985275	0.999994922	0.999998261

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	67	68	69	70	71
40	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
41	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
42	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
43	0.999999995	0.999999999	1.000000000	1.000000000	1.000000000
44	0.999999989	0.999999998	0.999999999	1.000000000	1.000000000
45	0.999999977	0.999999994	0.999999999	1.000000000	1.000000000
46	0.999999953	0.999999988	0.999999997	0.999999999	1.000000000
47	0.999999909	0.999999976	0.999999994	0.999999999	1.000000000
48	0.999999831	0.999999952	0.999999988	0.999999997	0.999999999
49	0.999999697	0.999999911	0.999999978	0.999999994	0.999999999
50	0.999999476	0.999999841	0.999999959	0.999999989	0.999999998

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	72	73	74	75	76
40	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 40

N \ U'	77	78	79	80
40	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.
50	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	2	3	4	5	6
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	7	8	9	10	11
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	12	13	14	15	16
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	17	18	19	20	21
41	0.000000009	0.000000037	0.000000136	0.000000488	0.000001579
42	0.000000005	0.000000023	0.000000086	0.000000314	0.000001033
43	0.000000003	0.000000014	0.000000055	0.000000204	0.000000680
44	0.000000002	0.000000009	0.000000035	0.000000133	0.000000449
45	0.000000001	0.000000006	0.000000023	0.000000087	0.000000298
46	0.000000001	0.000000004	0.000000015	0.000000057	0.000000199
47	0.000000001	0.000000002	0.000000010	0.000000038	0.000000133
48	0.000000000	0.000000002	0.000000006	0.000000025	0.000000090
49	0.000000000	0.000000001	0.000000004	0.000000017	0.000000061
50	0.000000000	0.000000001	0.000000003	0.000000011	0.000000041

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	22	23	24	25	26
41	0.000004962	0.000014188	0.000039351	0.000100162	0.000247121
42	0.000003297	0.000009575	0.000026977	0.000069757	0.000174893
43	0.000002201	0.000006488	0.000018557	0.000048729	0.000124077
44	0.000001475	0.000004413	0.000012809	0.000034146	0.000088248
45	0.000000993	0.000003014	0.000008871	0.000024002	0.000062927
46	0.000000671	0.000002067	0.000006166	0.000016925	0.000044990
47	0.000000456	0.000001423	0.000004300	0.000011972	0.000032252
48	0.000000311	0.000000983	0.000003009	0.000008496	0.000023183
49	0.000000213	0.000000682	0.000002113	0.000006048	0.000016710
50	0.000000146	0.000000475	0.000001489	0.000004319	0.000012077

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	27	28	29	30	31
41	0.000563648	0.001245398	0.002560201	0.005095894	0.009491095
42	0.000405384	0.000910536	0.001902800	0.003851244	0.007293495
43	0.000292161	0.000666670	0.001415689	0.002911815	0.005604843
44	0.000211017	0.000488888	0.001054555	0.002202900	0.004308200
45	0.000152754	0.000359125	0.000786607	0.001667896	0.003312967
46	0.000110834	0.000264278	0.000587607	0.001264013	0.002549184
47	0.000080611	0.000194848	0.000439643	0.000958957	0.001962966
48	0.000058771	0.000143940	0.000329485	0.000728387	0.001512893
49	0.000042954	0.000106547	0.000247358	0.000553965	0.001167178
50	0.000031472	0.000079031	0.000186037	0.000421888	0.000901453

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	32	33	34	35	36
41	0.017109443	0.029013112	0.047612594	0.073870687	0.110940936
42	0.013372640	0.023061277	0.038496607	0.060741641	0.092787308
43	0.010445644	0.018311945	0.031075775	0.049846114	0.077405387
44	0.008156433	0.014530070	0.025052582	0.040836351	0.064430082
45	0.006368100	0.011523637	0.020175870	0.033408695	0.053527381
46	0.004972221	0.009136815	0.016235555	0.027301237	0.044397164
47	0.003883275	0.007243817	0.013057255	0.022290362	0.036773667
48	0.003034037	0.005743575	0.010497151	0.018186759	0.030424338
49	0.002371802	0.004555181	0.008437268	0.014831294	0.025147705
50	0.001855340	0.003614069	0.006781273	0.012090997	0.020770670

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	37	38	39	40	41
41	0.158308476	0.218833666	0.288915465	0.370062812	0.455267525
42	0.134624706	0.189221027	0.253874566	0.330400157	0.412665168
43	0.114151085	0.163060290	0.222266169	0.293800961	0.372489233
44	0.096543772	0.140090226	0.193950314	0.260295327	0.334933467
45	0.081469999	0.120030813	0.168739209	0.229838337	0.300102335
46	0.068616395	0.102597188	0.146614527	0.202327523	0.268025293
47	0.057693997	0.087509937	0.126741436	0.177618497	0.238670970
48	0.048440774	0.074502285	0.109479576	0.155538424	0.211960513
49	0.040622321	0.063324793	0.094391333	0.135897237	0.187779618
50	0.034031280	0.053748068	0.081247797	0.118496685	0.165989018

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	42	43	44	45	46
41	0.544732475	0.629937188	0.711084535	0.781166334	0.841691524
42	0.501052227	0.587334832	0.671512982	0.746125434	0.812215718
43	0.458867494	0.545245756	0.631428149	0.709775778	0.780822833
44	0.418528184	0.504113251	0.591309554	0.672560654	0.747866552
45	0.380294941	0.464306243	0.551590712	0.634907705	0.713716203
46	0.344346531	0.426119287	0.512651304	0.597216684	0.678742717
47	0.310789204	0.389775840	0.474813213	0.559850586	0.643306686
48	0.279667019	0.355433824	0.438339751	0.523129902	0.607748761
49	0.250972357	0.323192631	0.403437379	0.487329616	0.572382418
50	0.224656018	0.293100850	0.370259262	0.452678475	0.537488961

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	47	48	49	50	51
41	0.889059064	0.926129313	0.952387406	0.970986888	0.982890557
42	0.865375294	0.908102850	0.939258359	0.961957373	0.976938723
43	0.839513879	0.887863481	0.924125683	0.951238395	0.969675038
44	0.811712857	0.865523121	0.907001866	0.938764869	0.960998971
45	0.782245332	0.841239973	0.887944064	0.924508451	0.950834810
46	0.751407224	0.815210206	0.867050129	0.908477759	0.939134206
47	0.719505733	0.787658918	0.844453239	0.890716946	0.925877364
48	0.686848998	0.758831014	0.820315653	0.871302914	0.911072978
49	0.653737271	0.728982472	0.794822022	0.850341484	0.894757054
50	0.620455740	0.698372368	0.768172680	0.827962870	0.876990826

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	52	53	54	55	56
41	0.990508905	0.994904106	0.997439799	0.998754602	0.999436352
42	0.986817334	0.992706505	0.996213705	0.998097200	0.999107505
43	0.982168576	0.989856906	0.994569705	0.997187927	0.998636029
44	0.976448495	0.986253001	0.992423669	0.995966090	0.997980656
45	0.969555776	0.981796408	0.989689123	0.994366287	0.997094633
46	0.961405700	0.976396129	0.986279928	0.992320028	0.995926462
47	0.951933084	0.969971659	0.982113008	0.989757561	0.994420905
48	0.941094277	0.962455586	0.977110954	0.986609804	0.992520199
49	0.928868212	0.953795596	0.971204397	0.982810264	0.990165423
50	0.915256548	0.943955839	0.964334034	0.978296871	0.987297940

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	57	58	59	60	61
41	0.999752879	0.999899838	0.999960649	0.999985812	0.999995038
42	0.999594616	0.999829151	0.999930243	0.999973748	0.999990425
43	0.999360081	0.999720259	0.999881719	0.999953669	0.999982449
44	0.999023914	0.999558391	0.999807199	0.999921594	0.999969258
45	0.998556247	0.999325334	0.999696618	0.999872200	0.999948286
46	0.997922881	0.998999291	0.999537496	0.999798599	0.999916096
47	0.997085673	0.998554864	0.999314791	0.999692133	0.999868227
48	0.996003111	0.997963191	0.999010820	0.999542209	0.999799047
49	0.994631055	0.997192226	0.998605286	0.999336179	0.999701620
50	0.992923607	0.996207160	0.998075389	0.999059283	0.999567629

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	62	63	64	65	66
41	0.999998421	0.999999512	0.999999864	0.999999963	0.999999991
42	0.999996805	0.999998967	0.999999697	0.999999914	0.999999978
43	0.999993881	0.999997938	0.999999365	0.999999811	0.999999949
44	0.999988832	0.999996094	0.999998742	0.999999610	0.999999890
45	0.999980476	0.999992937	0.999997626	0.999999238	0.999999774
46	0.999967156	0.999987745	0.999995714	0.999998579	0.999999559
47	0.999946630	0.999979509	0.999992563	0.999997458	0.999999179
48	0.999915953	0.999966863	0.999987544	0.999995622	0.999998530
49	0.999871355	0.999948008	0.999979799	0.999992714	0.999997464
50	0.999808136	0.999920632	0.999968183	0.999988243	0.999995766

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	67	68	69	70	71
41	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
42	0.999999995	0.999999999	1.000000000	1.000000000	1.000000000
43	0.999999987	0.999999997	0.999999999	1.000000000	1.000000000
44	0.999999970	0.999999993	0.999999998	1.000000000	1.000000000
45	0.999999936	0.999999983	0.999999996	0.999999999	1.000000000
46	0.999999871	0.999999965	0.999999991	0.999999998	1.000000000
47	0.999999752	0.999999929	0.999999981	0.999999995	0.999999999
48	0.999999544	0.999999864	0.999999963	0.999999990	0.999999998
49	0.999999191	0.999999750	0.999999930	0.999999981	0.999999995
50	0.999998616	0.999999555	0.999999873	0.999999964	0.999999991

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	72	73	74	75	76
41	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.	.
.	.	.	.	.	.
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
49	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
50	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	77	78	79	80	81
41	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 41

N \ U'	82
41	1.000000000
.	.
.	.
50	1.000000000

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	2	3	4	5	6
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	7	8	9	10	11
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	12	13	14	15	16
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	17	18	19	20	21
42	0.000000003	0.000000014	0.000000054	0.000000200	0.000000668
43	0.000000002	0.000000009	0.000000034	0.000000128	0.000000434
44	0.000000001	0.000000006	0.000000022	0.000000083	0.000000284
45	0.000000001	0.000000003	0.000000014	0.000000053	0.000000186
46	0.000000000	0.000000002	0.000000009	0.000000035	0.000000123
47	0.000000000	0.000000001	0.000000006	0.000000023	0.000000081
48	0.000000000	0.000000001	0.000000004	0.000000015	0.000000054
49	0.000000000	0.000000001	0.000000002	0.000000010	0.000000036
50	0.000000000	0.000000000	0.000000002	0.000000007	0.000000024

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	22	23	24	25	26
42	0.000002165	0.000006385	0.000018276	0.000048004	0.000122325
43	0.000001428	0.000004275	0.000012425	0.000033140	0.000085777
44	0.000000946	0.000002874	0.000008478	0.000022953	0.000060307
45	0.000000630	0.000001940	0.000005805	0.000015949	0.000042516
46	0.000000421	0.000001315	0.000003989	0.000011118	0.000030055
47	0.000000283	0.000000895	0.000002751	0.000007776	0.000021306
48	0.000000190	0.000000612	0.000001904	0.000005457	0.000015147
49	0.000000129	0.000000420	0.000001322	0.000003842	0.000010799
50	0.000000088	0.000000289	0.000000922	0.000002714	0.000007721

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	27	28	29	30	31
42	0.000288117	0.000657960	0.001397647	0.002877022	0.005539895
43	0.000205221	0.000476189	0.001027804	0.002150388	0.004208458
44	0.000146511	0.000345221	0.000756835	0.001608451	0.003198133
45	0.000104846	0.000250729	0.000558125	0.001204178	0.002431679
46	0.000075213	0.000182450	0.000412242	0.000902466	0.001850231
47	0.000054091	0.000133031	0.000305006	0.000677149	0.001409030
48	0.000039000	0.000097198	0.000226066	0.000508745	0.001074101
49	0.000028192	0.000071169	0.000167868	0.000382755	0.000819691
50	0.000020432	0.000052224	0.000124891	0.000288391	0.000626293

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	32	33	34	35	36
42	0.010333067	0.018121972	0.030778942	0.049392134	0.076764474
43	0.007980340	0.014227519	0.024570727	0.040085538	0.063348807
44	0.006161754	0.011162865	0.019590664	0.032480238	0.052164543
45	0.004757470	0.008754923	0.015605104	0.026283328	0.042875462
46	0.003673863	0.006865218	0.012421595	0.021246430	0.035185439
47	0.002838059	0.005383517	0.009882726	0.017160858	0.028837006
48	0.002193507	0.004222431	0.007860501	0.013852616	0.023608686
49	0.001696429	0.003312914	0.006251355	0.011177565	0.019311658
50	0.001312996	0.002600564	0.004971836	0.009016946	0.015786148

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	37	38	39	40	41
42	0.113260928	0.161922867	0.220829424	0.292137362	0.370576093
43	0.095012701	0.138062829	0.191376145	0.257249360	0.331356727
44	0.079503855	0.117414368	0.165301331	0.225695111	0.295126459
45	0.066380985	0.099565254	0.142355494	0.197325557	0.261915380
46	0.055319562	0.084230099	0.122270279	0.172002809	0.231681845
47	0.046026890	0.071108985	0.104771796	0.149516586	0.204328954
48	0.038242791	0.059922947	0.089590528	0.129647769	0.179719320
49	0.031739745	0.050417033	0.076468329	0.112169212	0.157687837
50	0.026316016	0.042361530	0.065163049	0.096854050	0.138052352

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	42	43	44	45	46
42	0.456858698	0.543141302	0.629423907	0.707862638	0.779170576
43	0.414686344	0.500000000	0.587297694	0.668643273	0.744397470
44	0.374833049	0.458335191	0.545632886	0.628962503	0.708324043
45	0.337499215	0.418481896	0.504863423	0.589281733	0.671379878
46	0.302799364	0.380689979	0.465353690	0.550017402	0.633981414
47	0.270774967	0.345131220	0.427397712	0.511533897	0.596519943
48	0.241407470	0.311908213	0.391221549	0.474140037	0.559352712
49	0.214630745	0.281064138	0.356988015	0.438088520	0.522796979
50	0.190342503	0.252592684	0.324802893	0.403577667	0.487126670

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	47	48	49	50	51
42	0.838077133	0.886739072	0.923235526	0.950607866	0.969221058
43	0.809623855	0.863040859	0.904987299	0.937297395	0.959914462
44	0.777334078	0.837192782	0.884580923	0.921992613	0.948929030
45	0.743554311	0.809425813	0.862133908	0.904705832	0.936209055
46	0.710644208	0.780005783	0.837807095	0.885493178	0.921734601
47	0.675963420	0.749221713	0.811796505	0.864450902	0.905521333
48	0.640860488	0.717374705	0.784324645	0.841710307	0.887618838
49	0.605663949	0.684767877	0.755631814	0.817431758	0.868107712
50	0.570675672	0.651697673	0.725967840	0.791798216	0.847095731

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	52	53	54	55	56
42	0.981878028	0.989666933	0.994460105	0.997122978	0.998602353
43	0.975733485	0.985772481	0.992137531	0.995791542	0.997887032
44	0.968263391	0.980905089	0.989142213	0.994023472	0.996904771
45	0.959368181	0.974956055	0.985370810	0.991735382	0.995592699
46	0.948972891	0.967830170	0.980724035	0.988842395	0.993883206
47	0.937029725	0.959449157	0.975110133	0.985260765	0.991705611
48	0.923519308	0.949754267	0.968448003	0.980910494	0.988988035
49	0.908450716	0.938707969	0.960669841	0.975717790	0.985659378
50	0.891860387	0.926294737	0.951723180	0.969617270	0.981651307

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	57	58	59	60	61
42	0.999342040	0.999711883	0.999877675	0.999951996	0.999981724
43	0.998972196	0.999533488	0.999794779	0.999916248	0.999966860
44	0.998448324	0.999271552	0.999668972	0.999859852	0.999942566
45	0.997727999	0.998898970	0.999484456	0.999774066	0.999904390
46	0.996763670	0.998383931	0.999221997	0.999647773	0.999846468
47	0.995503467	0.997690111	0.998858835	0.999467247	0.999761313
48	0.993892255	0.996777091	0.998368725	0.999215995	0.999639630
49	0.991872870	0.995600966	0.997722124	0.998874686	0.999470176
50	0.989387473	0.994115131	0.996886516	0.998421178	0.999239664

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	62	63	64	65	66
42	0.999993615	0.999997835	0.999999332	0.999999800	0.999999946
43	0.999987914	0.999995725	0.999998617	0.999999566	0.999999876
44	0.999978197	0.999991989	0.999997291	0.999999114	0.999999735
45	0.999962312	0.999985668	0.999994950	0.999998285	0.999999464
46	0.999937300	0.999975391	0.999990987	0.999996835	0.999998967
47	0.999899220	0.999956276	0.999984532	0.999994398	0.999998098
48	0.999842975	0.999934809	0.999974377	0.999990452	0.999996635
49	0.999762159	0.999898731	0.999958890	0.999984269	0.999994257
50	0.999648907	0.999846928	0.999935931	0.999974870	0.999990515

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	67	68	69	70	71
42	0.999999986	0.999999997	0.999999999	1.000000000	1.000000000
43	0.999999966	0.999999992	0.999999998	1.000000000	1.000000000
44	0.999999924	0.999999980	0.999999995	0.999999999	1.000000000
45	0.999999839	0.999999956	0.999999988	0.999999997	0.999999999
46	0.999999678	0.999999907	0.999999975	0.999999994	0.999999998
47	0.999999387	0.999999815	0.999999948	0.999999986	0.999999997
48	0.999998883	0.999999649	0.999999897	0.999999972	0.999999993
49	0.999998040	0.999999360	0.999999807	0.999999944	0.999999985
50	0.999996678	0.999998876	0.999999652	0.999999895	0.999999972

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	72	73	74	75	76
42	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
48	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
49	0.999999996	0.999999999	1.000000000	1.000000000	1.000000000
50	0.999999992	0.999999998	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	77	78	79	80	81
42	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 42

N \ U'	82	83	84
42	1.000000000	1.000000000	1.000000000
.	.	.	.
.	.	.	.
50	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	2	3	4	5	6
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	7	8	9	10	11
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	12	13	14	15	16
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	17	18	19	20	21
43	0.000000001	0.000000005	0.000000021	0.000000081	0.000000279
44	0.000000001	0.000000003	0.000000013	0.000000052	0.000000180
45	0.000000000	0.000000002	0.000000008	0.000000033	0.000000117
46	0.000000000	0.000000001	0.000000005	0.000000021	0.000000076
47	0.000000000	0.000000001	0.000000003	0.000000014	0.000000050
48	0.000000000	0.000000001	0.000000002	0.000000009	0.000000033
49	0.000000000	0.000000000	0.000000001	0.000000006	0.000000022
50	0.000000000	0.000000000	0.000000001	0.000000004	0.000000014

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	22	23	24	25	26
43	0.000000931	0.000002829	0.000008350	0.000022613	0.000059458
44	0.000000610	0.000001880	0.000005632	0.000015482	0.000041329
45	0.000000401	0.000001255	0.000003813	0.000010635	0.000028809
46	0.000000265	0.000000841	0.000002591	0.000007331	0.000020140
47	0.000000176	0.000000566	0.000001767	0.000005070	0.000014120
48	0.000000117	0.000000383	0.000001210	0.000003519	0.000009929
49	0.000000079	0.000000260	0.000000831	0.000002450	0.000007003
50	0.000000053	0.000000177	0.000000573	0.000001712	0.000004953

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	27	28	29	30	31
43	0.000144487	0.000340705	0.000747158	0.001589096	0.003160713
44	0.000101973	0.000244212	0.000543932	0.001175302	0.002374905
45	0.000072148	0.000175387	0.000396612	0.000870139	0.001785626
46	0.000051178	0.000126214	0.000289686	0.000644961	0.001343667
47	0.000036398	0.000091020	0.000211970	0.000478673	0.001012077
48	0.000025955	0.000065783	0.000155397	0.000355757	0.000763155
49	0.000018559	0.000047651	0.000114146	0.000264800	0.000576153
50	0.000013306	0.000034595	0.000084015	0.000197411	0.000435542

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	32	33	34	35	36
43	0.006094399	0.011044994	0.019399123	0.032176026	0.051717172
44	0.004653449	0.008569697	0.015298523	0.025787575	0.042132335
45	0.003553462	0.006647175	0.012054267	0.020642002	0.034262636
46	0.002714236	0.005155563	0.009492131	0.016507167	0.027821257
47	0.002074146	0.003999145	0.007471612	0.013190968	0.022563023
48	0.001585967	0.003103025	0.005880013	0.010535553	0.018280371
49	0.001213587	0.002408778	0.004627350	0.008411973	0.014799005
50	0.000929443	0.001870942	0.003642041	0.006715418	0.011973559

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	37	38	39	40	41
43	0.078857653	0.116552765	0.164167643	0.224312753	0.293479629
44	0.065287413	0.098077827	0.140360204	0.194859508	0.258896191
45	0.053936885	0.082313205	0.119650469	0.168699842	0.227559091
46	0.044478111	0.068922132	0.101728582	0.145605939	0.199355701
47	0.036621104	0.057592523	0.086290253	0.125328461	0.174126221
48	0.030112733	0.048040554	0.073045147	0.107609588	0.151679251
49	0.024734387	0.040012008	0.061722312	0.092192914	0.131804697
50	0.020298948	0.033282012	0.052073288	0.078830627	0.114284101

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	42	43	44	45	46
43	0.373021536	0.456351153	0.543648847	0.626978464	0.706520371
44	0.334105230	0.414686344	0.500980617	0.585313656	0.667685461
45	0.298067566	0.375291133	0.459709443	0.544127753	0.628371645
46	0.264952349	0.338358123	0.420168002	0.503837196	0.589027648
47	0.234733039	0.303997973	0.382608177	0.464791572	0.550060904
48	0.207328002	0.272251545	0.347207005	0.427273066	0.511830259
49	0.182614426	0.243102199	0.314074519	0.391498868	0.474642062
50	0.160440511	0.216487579	0.283262612	0.357625716	0.438749102

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	47	48	49	50	51
43	0.775687247	0.835832357	0.883447235	0.921142347	0.948282828
44	0.741103809	0.806502974	0.859639796	0.902785078	0.934712587
45	0.705289981	0.775360515	0.833752626	0.882291069	0.919180286
46	0.668662202	0.742740856	0.806016373	0.859774841	0.901706446
47	0.631622875	0.708993914	0.776693573	0.835393475	0.882353398
48	0.594569252	0.674470984	0.746067536	0.809338908	0.861221433
49	0.557785255	0.639513913	0.714431851	0.781829616	0.838443739
50	0.521636040	0.604446302	0.682083923	0.753102224	0.814180543

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	52	53	54	55	56
43	0.967823974	0.980600877	0.988955006	0.993905601	0.996839287
44	0.958321686	0.974212425	0.984899384	0.991430303	0.995417756
45	0.947138429	0.966494066	0.979852765	0.988263797	0.993541308
46	0.934219568	0.957353904	0.973706657	0.984305664	0.991124919
47	0.919545656	0.946724614	0.966366088	0.979460404	0.988082176
48	0.903132389	0.934565607	0.957753029	0.973640708	0.984327915
49	0.885029074	0.920863948	0.947809016	0.966770360	0.979780874
50	0.865315880	0.905634127	0.936496874	0.958786637	0.974366185

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	57	58	59	60	61
43	0.998410904	0.999252842	0.999659295	0.999855513	0.999940542
44	0.997625095	0.998845744	0.999456068	0.999760868	0.999898027
45	0.996557028	0.998273565	0.999161429	0.999618628	0.999831988
46	0.995143409	0.997491877	0.998747093	0.999411701	0.999732928
47	0.993316823	0.996451013	0.998180221	0.999119360	0.999588929
48	0.991007420	0.995096912	0.997423692	0.998717159	0.999385449
49	0.988144775	0.993372213	0.996436573	0.998176981	0.999105198
50	0.984659816	0.991217534	0.995174778	0.997467250	0.998728110

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	62	63	64	65	66
43	0.999977387	0.999991650	0.999997171	0.999999069	0.999999721
44	0.999959665	0.999984518	0.999994524	0.999998120	0.999999410
45	0.999931047	0.999972589	0.999989906	0.999996400	0.999998818
46	0.999886526	0.999953416	0.999982185	0.999993424	0.999997750
47	0.999819540	0.999923687	0.999969761	0.999988479	0.999995903
48	0.999721751	0.999879053	0.999950442	0.999980560	0.999992830
49	0.999582844	0.999813962	0.999921320	0.999968290	0.999987895
50	0.999390380	0.999721515	0.999878640	0.999949838	0.999980219

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	67	68	69	70	71
43	0.999999919	0.999999979	0.999999995	0.999999999	1.000000000
44	0.999999820	0.999999950	0.999999987	0.999999997	0.999999999
45	0.999999625	0.999999891	0.999999969	0.999999992	0.999999998
46	0.999999258	0.999999775	0.999999934	0.999999982	0.999999995
47	0.999998603	0.999999557	0.999999866	0.999999962	0.999999990
48	0.999997478	0.999999168	0.999999739	0.999999924	0.999999979
49	0.999995619	0.999998499	0.999999516	0.999999852	0.999999958
50	0.999992648	0.999997391	0.999999135	0.999999725	0.999999919

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	72	73	74	75	76
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
47	0.999999998	0.999999999	1.000000000	1.000000000	1.000000000
48	0.999999995	0.999999999	1.000000000	1.000000000	1.000000000
49	0.999999989	0.999999997	0.999999999	1.000000000	1.000000000
50	0.999999977	0.999999994	0.999999999	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	77	78	79	80	81
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 43

N \ U'	82	83	84	85	86
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	2	3	4	5	6
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	7	8	9	10	11
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	12	13	14	15	16
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
.	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	17	18	19	20	21
44	0.000000000	0.000000002	0.000000008	0.000000033	0.000000115
45	0.000000000	0.000000001	0.000000005	0.000000021	0.000000074
46	0.000000000	0.000000001	0.000000003	0.000000013	0.000000048
47	0.000000000	0.000000000	0.000000002	0.000000008	0.000000031
48	0.000000000	0.000000000	0.000000001	0.000000005	0.000000020
49	0.000000000	0.000000000	0.000000001	0.000000003	0.000000013
50	0.000000000	0.000000000	0.000000001	0.000000002	0.000000009

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	22	23	24	25	26
44	0.000000395	0.000001235	0.000003756	0.000010479	0.000028406
45	0.000000257	0.000000815	0.000002515	0.000007118	0.000019591
46	0.000000168	0.000000540	0.000001690	0.000004852	0.000013538
47	0.000000110	0.000000360	0.000001140	0.000003319	0.000009388
48	0.000000073	0.000000240	0.000000772	0.000002278	0.000006531
49	0.000000048	0.000000161	0.000000525	0.000001569	0.000004557
50	0.000000032	0.000000109	0.000000358	0.000001085	0.000003189

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	27	28	29	30	31
44	0.000071154	0.000173092	0.000391532	0.000859617	0.001764580
45	0.000049780	0.000122936	0.000282312	0.000629431	0.001312098
46	0.000034920	0.000087501	0.000203930	0.000461470	0.000976550
47	0.000024563	0.000062419	0.000147594	0.000338803	0.000727595
48	0.000017326	0.000044628	0.000107034	0.000249118	0.000542759
49	0.000012255	0.000031984	0.000077781	0.000183468	0.000405411
50	0.000008693	0.000022977	0.000056644	0.000135347	0.000303247

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	32	33	34	35	36
44	0.003514177	0.006575970	0.011934110	0.020444095	0.033959955
45	0.002654292	0.005045[illegible]74	0.009302343	0.016189102	0.027325766
46	0.002005565	0.003870[illegible]554	0.007247110	0.012808330	0.021956303
47	0.001516227	0.002970266	0.005644221	0.010127027	0.017621502
48	0.001147091	0.002280214	0.004395375	0.008003593	0.014129511
49	0.000868555	0.001751423	0.003423083	0.006323905	0.011321533
50	0.000658285	0.001346172	0.002666471	0.004996410	0.009066952

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	37	38	39	40	41
44	0.053482863	0.081682620	0.118787563	0.167609856	0.226196608
45	0.043721409	0.067850847	0.100235092	0.143681447	0.196903232
46	0.035678263	0.056232969	0.084360462	0.122793776	0.170835419
47	0.029071394	0.046512239	0.070837629	0.104656443	0.147775430
48	0.023658718	0.038406299	0.059363388	0.088981107	0.127484142
49	0.019234443	0.031666813	0.049661032	0.075490055	0.109713511
50	0.015625045	0.026077793	0.041481842	0.063921950	0.094216097

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	42	43	44	45	46
44	0.296500711	0.373500442	0.457833481	0.542166519	0.626499558
45	0.262072765	0.335000576	0.416573325	0.500000000	0.585280601
46	0.230791389	0.299312498	0.377486383	0.459213626	0.544494227
47	0.202561909	0.266479467	0.340770429	0.420126683	0.504548231
48	0.177241910	0.236477348	0.306544409	0.382981203	0.465787729
49	0.154656011	0.209229046	0.274859364	0.347947672	0.428493971
50	0.134608292	0.184617677	0.245709728	0.315132513	0.392886033

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	47	48	49	50	51
44	0.703459289	0.773803392	0.832390144	0.881212437	0.918317380
45	0.664999424	0.739478890	0.803096768	0.857404712	0.899764908
46	0.626066976	0.703931872	0.772063657	0.831543786	0.879127890
47	0.587134527	0.667566398	0.739619950	0.803853736	0.856525441
48	0.548594256	0.630774646	0.706106670	0.774590329	0.832116602
49	0.510791276	0.593926019	0.671864841	0.744030417	0.806092812
50	0.474020140	0.557358978	0.637225365	0.712461816	0.778669893

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	52	53	54	55	56
44	0.946517137	0.966040045	0.979555905	0.988065890	0.993424030
45	0.932784139	0.956278591	0.972983586	0.983810898	0.990822871
46	0.917100004	0.944848857	0.965070693	0.978551918	0.987511661
47	0.899484997	0.931704664	0.955726427	0.972185784	0.983389350
48	0.880000376	0.916834048	0.944884306	0.964623377	0.978359923
49	0.858744816	0.900258896	0.932504354	0.955792740	0.972335677
50	0.835849596	0.882033202	0.918574077	0.945641392	0.965240133

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	57	58	59	60	61
44	0.996485823	0.998235420	0.999140383	0.999608468	0.999826908
45	0.994954926	0.997387652	0.998687902	0.999382140	0.999717688
46	0.992951505	0.996242840	0.998058749	0.999056716	0.999555699
47	0.990391579	0.994735819	0.997207541	0.998602244	0.999322840
48	0.987190560	0.992797313	0.996084031	0.997984060	0.998997409
49	0.983265832	0.990355663	0.994634009	0.997163080	0.998554069
50	0.978539279	0.987338714	0.992800432	0.996096296	0.997963953

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	62	63	64	65	66
44	0.999928846	0.999971594	0.999989521	0.999996244	0.999998765
45	0.999879677	0.999950220	0.999980899	0.999992882	0.999997556
46	0.999804082	0.999916255	0.999966655	0.999987130	0.999995399
47	0.999691661	0.999864175	0.999944003	0.999977680	0.999991712
48	0.999529418	0.999786841	0.999909186	0.999962712	0.999985652
49	0.999301550	0.999675291	0.999857300	0.999939773	0.999976032
50	0.998989333	0.999518561	0.999782108	0.999905646	0.999961238

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	67	68	69	70	71
44	0.999999605	0.999999885	0.999999967	0.999999992	0.999999998
45	0.999999185	0.999999751	0.999999926	0.999999980	0.999999995
46	0.999998406	0.999999492	0.999999843	0.999999956	0.999999988
47	0.999997028	0.999999012	0.999999683	0.999999906	0.999999973
48	0.999994689	0.999998165	0.999999391	0.999999812	0.999999945
49	0.999990866	0.999996726	0.999998880	0.999999641	0.999999891
50	0.999984822	0.999994369	0.999998019	0.999999340	0.999999793

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	72	73	74	75	76
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
46	0.999999997	0.999999999	1.000000000	1.000000000	1.000000000
47	0.999999993	0.999999998	1.000000000	1.000000000	1.000000000
48	0.999999985	0.999999996	0.999999999	1.000000000	1.000000000
49	0.999999969	0.999999992	0.999999998	1.000000000	1.000000000
50	0.999999938	0.999999983	0.999999996	0.999999999	1.000000000

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	77	78	79	80	81
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	82	83	84	85	86
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 44

N \ U'	87	88
44	1.000000000	1.000000000
⋮	⋮	⋮
50	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	2	3	4	5	6
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	7	8	9	10	11
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	12	13	14	15	16
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	17	18	19	20	21
45	0.000000000	0.000000001	0.000000003	0.000000013	0.000000047
46	0.000000000	0.000000000	0.000000002	0.000000008	0.000000030
47	0.000000000	0.000000000	0.000000001	0.000000005	0.000000019
48	0.000000000	0.000000000	0.000000001	0.000000003	0.000000012
49	0.000000000	0.000000000	0.000000000	0.000000002	0.000000008
50	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	22	23	24	25	26
45	0.000000165	0.000000532	0.000001665	0.000004781	0.000013349
46	0.000000107	0.000000349	0.000001107	0.000003223	0.000009129
47	0.000000069	0.000000230	0.000000738	0.000002181	0.000006263
48	0.000000045	0.000000152	0.000000495	0.000001481	0.000004310
49	0.000000030	0.000000101	0.000000333	0.000001009	0.000002976
50	0.000000020	0.000000067	0.000000225	0.000000690	0.000002061

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	27	28	29	30	31
45	0.000034441	0.000086358	0.000201318	0.000455872	0.000964979
46	0.000023895	0.000060800	0.000143838	0.000330625	0.000710425
47	0.000016626	0.000042907	0.000102978	0.000240150	0.000523638
48	0.000011601	0.000030352	0.000073881	0.000174715	0.000386467
49	0.000008119	0.000021524	0.000053121	0.000127327	0.000285632
50	0.000005699	0.000015301	0.000038280	0.000092958	0.000211427

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	32	33	34	35	36
45	0.001983195	0.003828711	0.007173708	0.012683116	0.021757434
46	0.001482479	0.002905953	0.005529729	0.009928412	0.017300405
47	0.001108905	0.002206279	0.004261571	0.007767655	0.013741512
48	0.000830136	0.001675882	0.003284184	0.006075063	0.010905536
49	0.000622032	0.001273806	0.002531362	0.004750578	0.008649436
50	0.000466590	0.000968944	0.001951723	0.003714944	0.006857116

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	37	38	39	40	41
45	0.035368912	0.055786128	0.083725476	0.121958269	0.169749260
46	0.028563173	0.045764491	0.069755802	0.103205456	0.145853765
47	0.023034178	0.037470998	0.057986480	0.087100067	0.124947731
48	0.018553785	0.030629969	0.048108655	0.073331487	0.106751739
49	0.014930930	0.025002981	0.039846003	0.061608329	0.090987469
50	0.012006787	0.020385912	0.032954600	0.051662565	0.077386015

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	42	43	44	45	46
45	0.229487999	0.297760843	0.375786951	0.457359699	0.542640301
46	0.200209452	0.263624421	0.337577737	0.416573325	0.500916777
47	0.174076910	0.232564028	0.302080145	0.377915910	0.460502206
48	0.150891694	0.204490211	0.269348921	0.341577939	0.421713288
49	0.130431684	0.179267380	0.239372851	0.307674523	0.386793319
50	0.112463448	0.156727828	0.212088130	0.276255754	0.349916982

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	47	48	49	50	51
45	0.624213049	0.702239157	0.770512001	0.830250740	0.878041731
46	0.583426675	0.664103020	0.736375579	0.801084731	0.854146235
47	0.543088502	0.625518681	0.701079678	0.770200818	0.828262575
48	0.503590709	0.586907233	0.665016475	0.737918434	0.800614119
49	0.465265107	0.548652540	0.628565496	0.704569666	0.771453335
50	0.428382204	0.511094435	0.592083494	0.670487796	0.741051667

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	52	53	54	55	56
45	0.916274524	0.944213872	0.964631088	0.978242566	0.987316884
46	0.897630785	0.930244198	0.954689176	0.971436827	0.982904372
47	0.876923857	0.914355612	0.943077286	0.963288834	0.977472377
48	0.854269961	0.896575528	0.929753253	0.953714943	0.970918208
49	0.829824538	0.876970509	0.914704556	0.942655702	0.963153208
50	0.803775109	0.855642570	0.897953057	0.930077686	0.954105864

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	57	58	59	60	61
45	0.992826292	0.996171289	0.998016805	0.999035021	0.999544128
46	0.990071588	0.994547441	0.997094047	0.998541648	0.999289575
47	0.986590369	0.992433844	0.995859329	0.997860424	0.998927674
48	0.982284651	0.989745250	0.994247336	0.996944152	0.998427401
49	0.977062231	0.986395917	0.992189239	0.995740702	0.997753197
50	0.970839773	0.982302195	0.989614430	0.994193946	0.996865331

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	62	63	64	65	66
45	0.999798682	0.999913642	0.999965559	0.999986651	0.999995219
46	0.999675601	0.999856162	0.999940518	0.999976105	0.999991098
47	0.999494651	0.999768995	0.999901152	0.999958970	0.999984137
48	0.999236445	0.999640968	0.999841335	0.999932126	0.999972826
49	0.998877826	0.999458280	0.999753188	0.999891427	0.999955074
50	0.998391837	0.999204332	0.999626861	0.999831523	0.999928079

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	67	68	69	70	71
45	0.999998335	0.999999468	0.999999835	0.999999953	0.999999987
46	0.999996777	0.999998925	0.999999651	0.999999897	0.999999970
47	0.999994051	0.999997934	0.999999304	0.999999784	0.999999935
48	0.999989475	0.999996203	0.999998676	0.999999572	0.999999867
49	0.999982076	0.999993297	0.999997588	0.999999189	0.999999739
50	0.999970503	0.999988591	0.999995772	0.999998526	0.999999510

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	72	73	74	75	76
45	0.999999997	0.999999999	1.000000000	1.000000000	1.000000000
46	0.999999992	0.999999998	1.000000000	1.000000000	1.000000000
47	0.999999982	0.999999995	0.999999999	1.000000000	1.000000000
48	0.999999962	0.999999989	0.999999997	0.999999999	1.000000000
49	0.999999922	0.999999977	0.999999994	0.999999998	1.000000000
50	0.999999847	0.999999955	0.999999987	0.999999997	0.999999999

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	77	78	79	80	81
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	82	83	84	85	86
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 45

N \ U'	87	88	89	90
45	1.000000000	1.000000000	1.000000000	1.000000000
⋮	⋮	⋮	⋮	⋮
50	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	2	3	4	5	6
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	7	8	9	10	11
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	12	13	14	15	16
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	17	18	19	20	21
46	0.000000000	0.000000000	0.000000001	0.000000005	0.000000019
47	0.000000000	0.000000000	0.000000001	0.000000003	0.000000012
48	0.000000000	0.000000000	0.000000000	0.000000002	0.000000008
49	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
50	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	22	23	24	25	26
46	0.000000068	0.000000226	0.000000728	0.000002149	0.000006176
47	0.000000044	0.000000147	0.000000480	0.000001438	0.000004192
48	0.000000028	0.000000096	0.000000318	0.000000966	0.000002854
49	0.000000018	0.000000063	0.000000212	0.000000652	0.000001950
50	0.000000012	0.000000042	0.000000142	0.000000441	0.000001337

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	27	28	29	30	31
46	0.000016398	0.000042348	0.000101660	0.000237231	0.000517412
47	0.000011287	0.000029567	0.000072004	0.000170493	0.000377322
48	0.000007792	0.000020696	0.000051112	0.000122741	0.000275549
49	0.000005396	0.000014524	0.000036365	0.000088523	0.000201533
50	0.000003748	0.000010219	0.000025933	0.000063965	0.000147636

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	32	33	34	35	36
46	0.001096452	0.002182153	0.004217841	0.007690486	0.013614409
47	0.000811552	0.001639302	0.003216778	0.005954163	0.010702966
48	0.000601222	0.001232212	0.002453484	0.004608669	0.008407712
49	0.000445865	0.000926894	0.001871773	0.003566996	0.006601070
50	0.000331035	0.000697833	0.001428563	0.002761070	0.005180823

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	37	38	39	40	41
46	0.022829400	0.037163832	0.057533813	0.086480629	0.124111490
47	0.018221905	0.030123226	0.047348823	0.072272365	0.105296059
48	0.014528391	0.024377760	0.038892621	0.060255657	0.089095757
49	0.011573580	0.019701902	0.031894384	0.050132447	0.075209783
50	0.009213745	0.015905408	0.026118998	0.041634016	0.063355042

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	42	43	44	45	46
46	0.173031608	0.231269845	0.300601079	0.376235152	0.458745051
47	0.149036877	0.202150727	0.266621319	0.338418116	0.418340338
48	0.127976483	0.176114526	0.235625842	0.303252338	0.379977671
49	0.109588531	0.152971236	0.207540677	0.270791620	0.343851533
50	0.093609328	0.132507696	0.182245467	0.241026470	0.310083872

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	47	48	49	50	51
46	0.541254949	0.623764848	0.699398921	0.768730155	0.826968392
47	0.500000000	0.583397102	0.661581884	0.734843921	0.797849273
48	0.460038889	0.543435990	0.623358213	0.699805556	0.767079218
49	0.421676222	0.504265689	0.585134541	0.663996011	0.734971334
50	0.385146266	0.466213651	0.547281036	0.627785453	0.701849516

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	52	53	54	55	56
46	0.875888510	0.913519371	0.942466187	0.962836168	0.977170600
47	0.852004571	0.894703941	0.928350723	0.952651177	0.970189967
48	0.826157724	0.873874980	0.912328446	0.940812495	0.961859042
49	0.798565223	0.851152477	0.894426426	0.927282571	0.952095343
50	0.769473227	0.826693289	0.874710125	0.912056553	0.940840307

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	57	58	59	60	61
46	0.986385591	0.992309514	0.995782159	0.997817847	0.998903548
47	0.981778095	0.989428945	0.994045837	0.996829618	0.998360698
48	0.976140627	0.985804858	0.991803346	0.995515055	0.997618356
49	0.969375666	0.981338966	0.988970727	0.993807258	0.996628567
50	0.961400132	0.975938865	0.985464242	0.991635857	0.995338826

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	62	63	64	65	66
46	0.999482588	0.999762769	0.999898340	0.999957652	0.999983602
47	0.999202018	0.999622678	0.999832790	0.999927996	0.999971085
48	0.998806102	0.999419133	0.999736300	0.999882034	0.999950977
49	0.998262240	0.999131775	0.999590767	0.999813092	0.999919771
50	0.997533177	0.998736532	0.999387302	0.999712687	0.999872838

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	67	68	69	70	71
46	0.999993824	0.999997851	0.999999272	0.999999774	0.999999932
47	0.999986713	0.999995914	0.999998562	0.999999534	0.999999853
48	0.999980226	0.999992571	0.999997291	0.999999085	0.999999700
49	0.999966646	0.999987022	0.999995112	0.999998285	0.999999418
50	0.999945633	0.999978134	0.999991517	0.999996915	0.999998920

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	72	73	74	75	76
46	0.999999981	0.999999995	0.999999999	1.000000000	1.000000000
47	0.999999958	0.999999988	0.999999997	0.999999999	1.000000000
48	0.999999910	0.999999974	0.999999993	0.999999998	1.000000000
49	0.999999817	0.999999944	0.999999984	0.999999996	0.999999999
50	0.999999647	0.999999889	0.999999968	0.999999991	0.999999998

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	77	78	79	80	81
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	82	83	84	85	86
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	87	88	89	90	91
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
⋮	⋮	⋮	⋮	⋮	⋮
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 46

N \ U'	92
46	1.000000000
⋮	⋮
50	1.000000000

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	2	3	4	5	6
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	7	8	9	10	11
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	12	13	14	15	16
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	17	18	19	20	21
47	0.000000000	0.000000000	0.000000000	0.000000002	0.000000007
48	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
49	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	22	23	24	25	26
47	0.000000028	0.000000095	0.000000314	0.000000952	0.000002815
48	0.000000018	0.000000061	0.000000206	0.000000633	0.000001897
49	0.000000011	0.000000040	0.000000136	0.000000422	0.000001283
50	0.000000007	0.000000026	0.000000090	0.000000283	0.000000870

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	27	28	29	30	31
47	0.000007686	0.000020427	0.000050459	0.000121249	0.000272266
48	0.000005251	0.000014150	0.000035443	0.000086385	0.000196757
49	0.000003598	0.000009827	0.000024955	0.000061663	0.000142420
50	0.000002473	0.000006844	0.000017614	0.000044104	0.000103265

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	32	33	34	35	36
47	0.000594437	0.001218642	0.002428040	0.004562273	0.008328565
48	0.000435842	0.000906539	0.001832992	0.003495157	0.006476474
49	0.000319922	0.000674926	0.001384242	0.002677699	0.005033901
50	0.000235127	0.000502971	0.001045871	0.002051832	0.003911593

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	37	38	39	40	41
47	0.014396480	0.024172565	0.038579428	0.059810594	0.088472668
48	0.011362522	0.01 367912	0.031375997	0.049382579	0.074141631
49	0.008960905	0.015498640	0.025477288	0.040689746	0.061987188
50	0.007062853	0.012389575	0.020660010	0.033467750	0.051718778

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	42	43	44	45	46
47	0.127166468	0.175073078	0.234386023	0.301787097	0.378379227
48	0.108174073	0.151119773	0.205293864	0.268086560	0.340841021
49	0.091765574	0.130052071	0.179210042	0.237305827	0.305862915
50	0.077654451	0.111617832	0.155961363	0.209375161	0.273508367

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	47	48	49	50	51
47	0.458301449	0.541698551	0.621620773	0.698212903	0.765613977
48	0.418340338	0.500859575	0.581659662	0.660740598	0.731913440
49	0.380381489	0.461250341	0.542119194	0.622847649	0.697117828
50	0.344612573	0.423172720	0.503369536	0.584930243	0.661597308

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	52	53	54	55	56
47	0.824926922	0.872833532	0.911527332	0.940189406	0.961420572
48	0.795937365	0.848880227	0.892636224	0.925858369	0.951067585
49	0.765317227	0.823024411	0.871752680	0.909652444	0.939063196
50	0.733370730	0.795482346	0.848993892	0.891604937	0.925370796

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	57	58	59	60	61
47	0.975827435	0.985603520	0.991671435	0.995437727	0.997571960
48	0.968624003	0.980842756	0.988637478	0.993606340	0.996504843
49	0.960070877	0.975038849	0.984645451	0.991252669	0.995096999
50	0.950092229	0.968094944	0.980200218	0.988291807	0.993281621

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	62	63	64	65	66
47	0.998781358	0.999405563	0.999727734	0.999878751	0.999949541
48	0.998194257	0.999093461	0.999571630	0.999803243	0.999915314
49	0.997396478	0.998657483	0.999346609	0.999691172	0.999862780
50	0.996338443	0.998064069	0.999031055	0.999529658	0.999784625

P(U ≤ U') (CONTINUEO)

M = 47

N \ U'	67	68	69	70	71
47	0.999979573	0.999992314	0.999997185	0.999999048	0.999999686
48	0.999964557	0.999986168	0.999994749	0.999998152	0.999999367
49	0.999940784	0.999976083	0.999990618	0.999996572	0.999998784
50	0.999904382	0.999960105	0.999983869	0.999993896	0.999997763

P(U ≤ U') (CONTINUEO)

M = 47

N \ U'	72	73	74	75	76
47	0.999999905	0.999999972	0.999999993	0.999999998	1.000000000
48	0.999999800	0.999999939	0.999999983	0.999999995	0.999999999
49	0.999999600	0.999999872	0.999999963	0.999999989	0.999999997
50	0.999999236	0.999999748	0.999999923	0.999999977	0.999999994

P(U ≤ U') (CONTINUEO)

M = 47

N \ U'	77	78	79	80	81
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
50	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUEO)

M = 47

N \ U'	82	83	84	85	86
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	87	88	89	90	91
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 47

N \ U'	92	93	94
47	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	2	3	4	5	6
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	7	8	9	10	11
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	12	13	14	15	16
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	17	18	19	20	21
48	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	22	23	24	25	26
48	0.000000011	0.000000039	0.000000134	0.000000416	0.000001265
49	0.000000007	0.000000025	0.000000087	0.000000275	0.000000847
50	0.000000005	0.000000016	0.000000057	0.000000182	0.000000568

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	27	28	29	30	31
48	0.000003550	0.000009700	0.000024638	0.000060914	0.000140722
49	0.000002407	0.000006668	0.000017169	0.000043040	0.000100818
50	0.000001638	0.000004597	0.000011995	0.000030474	0.000072360

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	32	33	34	35	36
48	0.000316300	0.000667455	0.001369766	0.002650450	0.004985815
49	0.000229827	0.000491877	0.001024041	0.002010108	0.003836772
50	0.000167220	0.000362868	0.000766022	0.001524900	0.002951982

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	37	38	39	40	41
48	0.008878091	0.015365217	0.025266620	0.040379288	0.061537023
49	0.006931953	0.012175156	0.020315919	0.032951893	0.050958155
50	0.005409733	0.009638122	0.016314527	0.026844505	0.042112974

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	42	43	44	45	46
48	0.091157852	0.129241775	0.178206818	0.236074597	0.304463791
49	0.076609183	0.110199813	0.154173003	0.207140708	0.270920003
50	0.064225928	0.093709867	0.132971643	0.181156551	0.240211454

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	47	48	49	50	51
48	0.378799870	0.459599957	0.540400043	0.621200130	0.695536209
49	0.341631830	0.419999584	0.500000000	0.581633077	0.658368170
50	0.306969170	0.382322780	0.460816123	0.542449200	0.620816954

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	52	53	54	55	56
48	0.763925403	0.821793182	0.870758225	0.908842148	0.938462977
49	0.730466503	0.792859292	0.846826388	0.889800187	0.924001556
50	0.695919385	0.762356151	0.821016038	0.868812983	0.907678175

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	57	58	59	60	61
48	0.959620712	0.974733380	0.984634783	0.991121909	0.995014185
49	0.949041845	0.967364007	0.979684081	0.987962823	0.993068047
50	0.936827070	0.958639168	0.973681994	0.984030421	0.990584424

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	62	63	64	65	66
48	0.997349550	0.998630234	0.999332545	0.999683700	0.999859278
49	0.996213969	0.997989892	0.998991611	0.999508123	0.999774204
50	0.994723795	0.997127301	0.998518577	0.999257693	0.999648989

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	67	68	69	70	71
48	0.999939086	0.999975362	0.999990300	0.999996450	0.999998735
49	0.999899182	0.999957823	0.999982831	0.999993484	0.999997593
50	0.999838709	0.999930335	0.999970758	0.999988513	0.999995614

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	72	73	74	75	76
48	0.999999584	0.999999866	0.999999961	0.999999989	0.999999997
49	0.999999175	0.999999725	0.999999915	0.999999975	0.999999993
50	0.999998441	0.999999461	0.999999828	0.999999946	0.999999985

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	77	78	79	80	81
48	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
49	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
50	0.999999996	0.999999999	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	82	83	84	85	86
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	87	88	89	90	91
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 48

N \ U'	92	93	94	95	96
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	2	3	4	5	6
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	7	8	9	10	11
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	12	13	14	15	16
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	17	18	19	20	21
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	22	23	24	25	26
49	0.000000005	0.000000016	0.000000056	0.000000180	0.000000561
50	0.000000003	0.000000010	0.000000036	0.000000118	0.000000373

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	27	28	29	30	31
49	0.000001616	0.000004538	0.000011842	0.000030104	0.000071498
50	0.000001088	0.000003097	0.000008190	0.000021103	0.000050801

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	32	33	34	35	36
49	0.000165323	0.000358836	0.000757959	0.001509248	0.002923440
50	0.000119093	0.000262080	0.000561391	0.001133604	0.002227281

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	37	38	39	40	41
49	0.005358992	0.009553555	0.016176548	0.026633906	0.041797074
50	0.004141216	0.007489759	0.012865051	0.021491491	0.034215490

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	42	43	44	45	46
49	0.063783669	0.093099129	0.132186408	0.180157160	0.239030355
50	0.052977997	0.078441399	0.112988237	0.156171784	0.210133374

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	47	48	49	50	51
49	0.305582664	0.380815707	0.459183461	0.540816539	0.619184293
50	0.272306509	0.343915273	0.419999584	0.500808085	0.580000416

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	52	53	54	55	56
49	0.694417336	0.760969645	0.819842840	0.867813592	0.906900871
50	0.657576576	0.727693491	0.791039704	0.843828216	0.887796919

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	57	58	59	60	61
49	0.936216331	0.958202926	0.973366094	0.983823452	0.990446445
50	0.921558601	0.947468730	0.965784510	0.978724170	0.987134949

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	62	63	64	65	66
49	0.994641008	0.997076560	0.998490752	0.999242041	0.999641164
50	0.992598361	0.995858784	0.997803099	0.998866396	0.999447412

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	67	68	69	70	71
49	0.999834677	0.999928502	0.999969896	0.999988158	0.999995462
50	0.999737920	0.999883041	0.999949199	0.999979328	0.999991810

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	72	73	74	75	76
49	0.999998384	0.999999439	0.999999820	0.999999944	0.999999984
50	0.999996975	0.999998912	0.999999637	0.999999882	0.999999965

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	77	78	79	80	81
49	0.999999995	0.999999999	1.000000000	1.000000000	1.000000000
50	0.999999990	0.999999997	0.999999999	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	82	83	84	85	86
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	87	88	89	90	91
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	92	93	94	95	96
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 49

N \ U'	97	98
49	1.000000000	1.000000000
50	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	2	3	4	5	6
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	7	8	9	10	11
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	12	13	14	15	16
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	17	18	19	20	21
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	22	23	24	25	26
50	0.000000002	0.000000007	0.000000023	0.000000077	0.000000245

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	27	28	29	30	31
50	0.000000726	0.000002093	0.000005608	0.000014646	0.000035737

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	32	33	34	35	36
50	0.000084947	0.000189519	0.000411735	0.000843096	0.001680442

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	37	38	39	40	41
50	0.003169059	0.005815488	0.010133345	0.017178271	0.027745660

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	42	43	44	45	46
50	0.043596743	0.065486335	0.095714818	0.134187433	0.183152579

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	47	48	49	50	51
50	0.240633403	0.308110891	0.381211504	0.460403835	0.539596165

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	52	53	54	55	56
50	0.618788496	0.691889109	0.759366597	0.816847421	0.865812567

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	57	58	59	60	61
50	0.904285182	0.934513665	0.956403257	0.972254340	0.982821729

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	62	63	64	65	66
50	0.989866655	0.994184512	0.996830941	0.998319558	0.999156904

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	67	68	69	70	71
50	0.999588265	0.999810481	0.999915053	0.999964263	0.999985354

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	72	73	74	75	76
50	0.999994392	0.999997907	0.999999274	0.999999755	0.999999923

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	77	78	79	80	81
50	0.999999977	0.999999993	0.999999998	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	82	83	84	85	86
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	87	88	89	90	91
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U') (CONTINUED)

M = 50

N \ U'	92	93	94	95	96
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 50

N \ U*	97	98	99	100
50	1.000000000	1.000000000	1.000000000	1.000000000

APPENDIX C

SIMULATION PROGRAM

```
C                                                                       RUN   10
C     ..................................................................RUN   20
C                                                                       RUN   30
C                                                                       RUN   40
C     PROGRAM DEFINITION:  PROVIDE COMPUTER SAMPLING PROCEDURE TO TEST  RUN   50
C             THE POWER OF THE WALD - WOLFOWITZ RUNS TEST AGAINST       RUN   60
C             UNIFORM, TRIANGULAR AND NORMAL DISTRIBUTIONS.             RUN   70
C                                                                       RUN   80
C                                                                       RUN   90
C     PROGRAMMER:  LT. W. C. HESCHL                                     RUN  100
C     DATE: 3 APRIL 1971                                                RUN  110
C                                                                       RUN  120
C     INPUT DATA:  THE FOLLOWING THREE (3) INPUT CARDS ARE REQUIRED.    RUN  130
C                                                                       RUN  140
C          CARD 1 - DISTRIBUTION, SAMPLE SIZE, RANDOM NUMBER SEED       RUN  150
C                   AND PARAMETERS PERTAINING TO THE FIRST              RUN  160
C                   DISTRIBUTION.                                       RUN  170
C                                                                       RUN  180
C          CARD 2 - DISTRIBUTION, SAMPLE SIZE, RANDOM NUMBER SEED       RUN  190
C                   AND PARAMETERS PERTAINING TO THE SECOND             RUN  200
C                   DISTRIBUTION.                                       RUN  210
C                                                                       RUN  220
C          CARD 3 - NUMBER OF REPEATED SAMPLINGS DESIRED.               RUN  230
C                                                                       RUN  240
C                                                                       RUN  250
C                                                                       RUN  260
C     INPUT FORMAT:    ( CC = CARD COLUMN ), I NA = NOT APPLICABLE )    RUN  270
C                                                                       RUN  280
C          CARD 1 - CC1: SINGLE DIGIT TO SPECIFY DISTRIBUTION           RUN  290
C                        1: UNIFORM DISTRIBUTION                        RUN  300
C                        2: NORMAL DISTRIBUTION                         RUN  310
C                        3. TRIANGULAR DISTRIBUTION                     RUN  320
C                                                                       RUN  330
C                   CC6-7: TWO DIGIT NUMBER BETWEEN 1 AND 50 TO         RUN  340
C                          INDICATE SAMPLE SIZE.                        RUN  350
C                                                                       RUN  360
C                   CC11-16: RANDOM NUMBER SEED - A FIVE OR SIX DIGIT   RUN  370
C                            PRIME NUMBER IS SUGGESTED.                 RUN  380
C                                                                       RUN  390
C                   CC21-28: FOR UNIFORM DISTRIBUTION: LOWER LIMIT      RUN  400
C                            FOR NORMAL DISTRIBUTION: MEAN              RUN  410
C                            FOR TRIANGULAR DISTRIBUTION: POINT A       RUN  420
C                                                                       RUN  430
C                   CC31-38: FOR UNIFORM DISTRIBUTION: UPPER LIMIT      RUN  440
C                            FOR NORMAL DISTRIBUTION: VARIANCE          RUN  450
C                            FOR TRIANGULAR DISTRIBUTION: POINT B       RUN  460
C                                                                       RUN  470
C                   CC41-48: FOR UNIFORM DISTRIBUTION: NA               RUN  480
C                            FOR NORMAL DISTRIBUTION: NA                RUN  490
C                            FOR TRIANGULAR DISTRIBUTION: POINT C       RUN  500
C                                                                       RUN  510
C                   CC51-58: FOR UNIFORM DISTRIBUTION: NA               RUN  520
C                            FOR NORMAL DISTRIBUTION: NA                RUN  530
C                            FOR TRIANGULAR DISTRIBUTION: AREA LEFT     RUN  540
C                                                         TRIANGLE      RUN  550
C                                                                       RUN  560
C          CARD 2 - SAME AS CARD 1.                                     RUN  570
C                                                                       RUN  580
C          CARD 3 - CC1-5:  FIVE DIGIT NUMBER TO INDICATE THE NUMBER    RUN  590
C                           OF REPLICATIONS DESIRED.                    RUN  600
C                                                                       RUN  610
C                                                                       RUN  620
C     ..................................................................RUN  630
C                                                                       RUN  640
C                                                                       RUN  650
      INTEGER DIST(2), SIZE(2), SEED(2), ABORT, TABLE(100),SUM          RUN  660
      INTEGER  FABLE(100),BUM                                           RUN  670
      INTEGER CABLE(100),LABEL(100),GUM,RUM                             RUN  680
      REAL X(50), Y(50), Z(100), PAR1(2), PAR2(2),PAR3(2)               RUN  690
      REAL V(100), AA(50), BB(50)                                       RUN  700
      DIMENSION AREA(2), AREA2(2), KASE(2)                              RUN  710
      EQUIVALENCE (X,Z), (Y,Z(51)), (NX,SIZE), (NY,SIZE(2))             RUN  720
      EQUIVALENCE (V,AA), (V(51),BB)                                    RUN  730
      DATA  ABORT,TABLE /1,100*0/ ,SUM/0/                               RUN  740
      DATA FABLE/100*0/,BUM/0/                                          RUN  750
      DATA  CABLE,LABEL,GUM,RUM/202*0/                                  RUN  760
C                                                                       RUN  770
C     PROGRAM INITIALIZATION                                            RUN  780
C                                                                       RUN  790
      KSETA = 1                                                         RUN  800
      KSETB = 1                                                         RUN  810
      WRITE (6,1)                                                       RUN  820
1     FORMAT ('1')                                                      RUN  830
C                                                                       RUN  840
C     READ DISTRIBUTION, SAMPLE SIZE, PARAMETERS                        RUN  850
C     AND RANDOM NUMBER SEED                                            RUN  860
C                                                                       RUN  870
      DO 5 J=1,2                                                        RUN  880
      READ (5,10) DIST(J), SIZE(J), SEED(J), PAR1(J), PAR2(J), PAR3(J), RUN  890
     1 AREA(J)                                                          RUN  900
C                                                                       RUN  910
C     DETERMINE IF INPUT VALUES ARE ACCEPTABLE                          RUN  920
C                                                                       RUN  930
5     CALL DECIDE (ABORT,SEED(J),SIZE(J),DIST(J),PAR1(J),PAR2(J),       RUN  940
     1  PAR3(J), AREA(J), AREA2(J), KASE(J))                            RUN  950
10    FORMAT(I1,4X,I2,3X,I6,4X, 4(F8.3,2X))                             RUN  960
C                                                                       RUN  970
C     READ NUMBER OF REPETITIONS DESIRED                                RUN  980
C                                                                       RUN  990
      READ (5,11)  KTIMES                                               RUN 1000
11    FORMAT (I5)                                                       RUN 1010
C                                                                       RUN 1020
C     CHECK VALIDITY OF REPETITIONS                                     RUN 1030
C                                                                       RUN 1040
      IF ( KTIMES .GT. 0) GO TO 22                                      RUN 1050
      ABORT = 2                                                         RUN 1060
C                                                                       RUN 1070
C     INDICATE INPUT ERROR                                              RUN 1080
C                                                                       RUN 1090
      WRITE (6,15)                                                      RUN 1100
15    FORMAT(//3(' NUMBER OF REPETITIONS INVALID        ')//)          RUN 1110
C                                                                       RUN 1120
C     ECHO REPETITIONS                                                  RUN 1130
C                                                                       RUN 1140
22    WRITE (6,26) KTIMES                                               RUN 1150
26    FORMAT (//' NUMBER OF REPEATED SAMPLINGS REQUESTED IS',I6//)      RUN 1160
      IF(ABORT .EQ. 2) CALL EXIT                                        RUN 1170
```

```
C
C     DETERMINE REJECTION REGION
C
      CALL REJECT (NX,NY,MINRUN)
C
C     DISPLAY REJECTION REGION
C
      WRITE (6,25) MINRUN
25    FORMAT (  ' HYPOTHESIS REJECTED FOR',I3,' OR LESS RUNS'//)
C
C     PERFORM THE NUMBER OF REPETITIONS REQUESTED
C
      DO 30  JTIMES  =1, KTIMES
C
C     GENERATE SAMPLES
C
      DO 31  KOUNT = 1,2
C
C     DETERMINE WHERE TO PLACE SAMPLE VALUES
C
      KPLACE = KOUNT * 50 - 49
      KREP = KPLACE + SIZE (KOUNT) - 1
      KPATH = DIST (KOUNT)
      GO TO (32,33,34), KPATH
C
C     UNIFORM DISTRIBUTION
C
C     DETERMINE RANGE
C
32    DIFFER = PAR2(KOUNT)- PAR1(KOUNT)
C
C     DUPLICATE RANDOM NUMBER SEED AND THE LOWER LIMIT, THEREBY
C     ELIMINATING UNNECESSARY INDEXING
C
      KKK = SEED (KOUNT)
      PAR = PAR1 (KOUNT)
C
C     GENERATE A UNIFORM SAMPLE
C
      DO 42  LOOP = KPLACE, KREP
      CALL RANDU (KKK,JJJ,F)
      KKK = JJJ
      V(LOOP)= PAR + DIFFER * (1.-F)
42    Z(LOOP)= PAR + DIFFER * F
C
C     SAVE LAST SEED VALUE
C
      SEED (KOUNT) = KKK
      GO TO 31
C
C     NORMAL DISTRIBUTION
C
C
C     DUPLICATE RANDOM NUMBER SEED
C
33    KKK = SEED(KOUNT)
C
C     GENERATE A NORMAL SAMPLE
C
      DO 81  LOOP = KPLACE,KREP
      TALLY = 0.0
      DO 82  LEAP = 1,12
      CALL RANDU (KKK,JJJ,F)
      KKK=JJJ
82    TALLY = TALLY + F
      V(LOOP)  = PAR3(KOUNT)*(6.0-TALLY)+PAR1(KOUNT)
81    Z(LOOP)  = PAR3(KOUNT)*(TALLY-6.0)+PAR1(KOUNT)
C
C     SAVE LAST SEED VALUE
C
      SEED(KOUNT) = KKK
      GO TO 31
C
C     TRIANGULAR DISTRIBUTION
C
C     DETERMINE CASE
C
34    KPATH = KASE(KOUNT)
      KKK = SEED(KOUNT)
      GO TO (80,90,100), KPATH
C
C     GENERATE A CASE TWO TRIANGULAR SAMPLE
C
90    C = PAR3(KOUNT)
      CMA = C - PAR1(KOUNT)
      DO 827  LOOP = KPLACE,KREP
      CALL RANDU (KKK,JJJ,F)
      KKK = JJJ
      V(LOOP) = C - CMA * SQRT (1.-F)
827   Z(LOOP) = C - CMA * SQRT (F)
C
C     SAVE LAST SEED VALUE
C
      SEED(KOUNT) = KKK
      GO TO 31
C
C     GENERATE A CASE ONE TRIANGULAR SAMPLE
C
80    A = PAR1 (KOUNT)
      CMA= PAR3 ( KOUNT) - A
      DO 92 LOOP = KPLACE , KREP
      CALL RANDU ( KKK,JJJ,F)
      KKK = JJJ
      V(LOOP)= A + CMA * SQRT(1.-F)
92    Z(LOOP)= A + CMA * SQRT(F)
C
C     SAVE LAST SEED VALUE
C
      SEED (KOUNT) = KKK
      GO TO 31
C
C     GENERATE A CASE THREE TRIANGULAR SAMPLE
C
100   A = PAR1(KOUNT)
      BMAVAR = (PAR2(KOUNT) - A)/AREA(KOUNT)
      ALEFT = AREA (KOUNT)
      ARIGHT = AREA2(KOUNT)
      C = PAR3 (KOUNT)
      CMRVT = ( C - PAR2(KOUNT))/ARIGHT
      ARSQ = ARIGHT ** 2
      DO 102  LOOP = KPLACE , KREP
      CALL RANDU (KKK,JJJ,F)
```

```
      KKK = JJJ                                                         RUN 2400
      IF( F .GT. ALEFT) GO TO 103                                       RUN 2410
C                                                                       RUN 2420
C     LEFT TRIANGLE                                                     RUN 2430
C                                                                       RUN 2440
      Z(LOOR) = A + BMAVAR * SQRT(ALEFT * F)                            RUN 2450
      GO TO 202                                                         RUN 2460
C                                                                       RUN 2470
C     RIGHT TRIANGLE                                                    RUN 2480
C                                                                       RUN 2490
103   Z(LOOR) = C - CMBVT * SQRT(ARSQ - (1. - F) * ARIGHT)              RUN 2500
202   F = 1. - F                                                        RUN 2510
      IF( F .GT. ALEFT) GO TO 203                                       RUN 2520
C                                                                       RUN 2530
C     LEFT TRIANGLE                                                     RUN 2540
C                                                                       RUN 2550
      V(LOOR) = A + BMAVAR * SQRT(ALEFT * F)                            RUN 2560
      GO TO 102                                                         RUN 2570
C                                                                       RUN 2580
C     RIGHT TRIANGLE                                                    RUN 2590
C                                                                       RUN 2600
203   V(LOOR) = C - CMBVT * SQRT(ARSQ - (1. - F) * ARIGHT)              RUN 2610
102   CONTINUE                                                          RUN 2620
C                                                                       RUN 2630
C     SAVE LAST SEED VALUE                                              RUN 2640
C                                                                       RUN 2650
      SEED (KOUNT) = KKK                                                RUN 2660
31    CONTINUE                                                          RUN 2670
C                                                                       RUN 2680
C     FIND THE NUMBER OF RUNS AND TABULATE                              RUN 2690
C                                                                       RUN 2700
C                                                                       RUN 2710
C     COMMON VS. ANTITHETIC                                             RUN 2720
C                                                                       RUN 2730
      CALL RUN(X,NX,BB,NY,NR)                                           RUN 2740
      LABEL(NR) = LABEL(NR) + 1                                         RUN 2750
C                                                                       RUN 2760
C     ANTITHETIC VS. COMMON                                             RUN 2770
C                                                                       RUN 2780
      CALL RUN(AA,NX,Y,NY,NR)                                           RUN 2790
      CABLE(NR) = CABLE(NR) + 1                                         RUN 2800
C                                                                       RUN 2810
C     ANTITHETIC VS. ANTITHETIC                                         RUN 2820
C                                                                       RUN 2830
      CALL RUN ( AA,NX,BB,NY,NR)                                        RUN 2840
      FABLE(NR) = FABLE(NR) + 1                                         RUN 2850
C                                                                       RUN 2860
C     COMMON VS. COMMON                                                 RUN 2870
C                                                                       RUN 2880
      CALL RUN ( X, NX, Y, NY, NR)                                      RUN 2890
30    TABLE (NR) = TABLE (NR) + 1                                       RUN 2900
C                                                                       RUN 2910
C     SUM REJECTION REGIONS                                             RUN 2920
C                                                                       RUN 2930
      DO 50 KOUNT = 1, MINRUN                                           RUN 2940
      GUM = GUM + CABLE(KOUNT)                                          RUN 2950
      RUM = RUM + LABEL(KOUNT)                                          RUN 2960
      BUM = BUM + FABLE (KOUNT)                                         RUN 2970
50    SUM = SUM + TABLE (KOUNT)                                         RUN 2980
C                                                                       RUN 2990
C     DETERMINE REJECTION PERCENTAGES                                   RUN 3000
C                                                                       RUN 3010
      F= FLOAT(SUM)/FLOAT(KTIMES) * 100.                                RUN 3020
      FF=FLOAT(BUM)/FLOAT(KTIMES) * 100.                                RUN 3030
      FA=FLOAT(GUM)/FLOAT(KTIMES) * 100.                                RUN 3040
      FC=FLOAT(RUM)/FLOAT(KTIMES) * 100.                                RUN 3050
      FFF =(F + FF + FA + FC)/4.                                        RUN 3060
      WRITE (6,60)                                                      RUN 3070
60    FORMAT(///T46,'FREQUENCY DISTRIBUTION OF RUNS'/'+',T46,30('_')//  RUN 3080
     1T21,'SAMPLE I:',T37,'COMMON',T51,'COMMON',T63,'ANTITHETIC   ANTITRUN 3090
     2HETIC'/T21,'SAMPLE II:',T37,'COMMON      ANTITHETIC      COMMON   RUN 3100
     3   ANTITHETIC      COMBINED'//' ',I32('_')//T21,'NO. RUNS',T62,   RUN 3110
     4'FREQUENCIES'/)                                                   RUN 3120
C                                                                       RUN 3130
C     OUTPUT FREQUENCY TABLE                                            RUN 3140
C                                                                       RUN 3150
      DO 61  KOUNT = 1,100                                              RUN 3160
      IF(TABLE(KOUNT).EQ.0.AND.LABEL(KOUNT).EQ.0.AND.FABLE(KOUNT).EQ.0  RUN 3170
     1  .AND.CABLE(KOUNT) .EQ.0) GO TO 61                               RUN 3180
      LAST=TABLE(KOUNT)+LABEL(KOUNT)+CABLE(KOUNT)+FABLE(KOUNT)          RUN 3190
      WRITE(6,62)KOUNT,TABLE(KOUNT),LABEL(KOUNT),CABLE(KOUNT),          RUN 3200
     1 FABLE(KOUNT),LAST                                                RUN 3210
62    FORMAT(7I3,6I14)                                                  RUN 3220
      IF (KOUNT .GT. MINRUN .OR. KSETA .EQ. 2) GO TO 64                 RUN 3230
      KSETA = 2                                                         RUN 3240
      WRITE (6,65)                                                      RUN 3250
65    FORMAT('+ REJECTION REGION',T105,'REJECTION REGION')              RUN 3260
      GO TO 61                                                          RUN 3270
64    IF(KOUNT .LE. MINRUN .OR. KSETB .EQ. 2) GO TO 61                  RUN 3280
      KSETB = 2                                                         RUN 3290
      WRITE(6,66)                                                       RUN 3300
66    FORMAT('+ACCEPTANCE REGION',T105,'ACCEPTANCE REGION')             RUN 3310
61    CONTINUE                                                          RUN 3320
      WRITE(6,70) F,FC,FA,FF,FFF                                        RUN 3330
70    FORMAT(//'OREJECTION PERCENTAGES:',T36,5(F7.2,'%',6X))            RUN 3340
      STOP                                                              RUN 3350
      END                                                               RUN 3360
C                                                                       RUN 3370
C                                                                       RUN 3380
C     ******************************************************************RUN 3390
C                                                                       RUN 3400
C                                                                       RUN 3410
      SUBROUTINE DECIDE (ABORT,SEED,SIZE,DIST,PARA,RARB,RARC,AREA,      RUN 3420
     1  AREA2,KASE)                                                     RUN 3430
      INTEGER ABORT, SEED, SIZE, DIST                                   RUN 3440
C                                                                       RUN 3450
C     CHECK SEED FOR RANDOM NUMBER GENERATOR                            RUN 3460
C                                                                       RUN 3470
      IF ( SEED .GT. 0)  GO TO 1                                        RUN 3480
C                                                                       RUN 3490
C     INDICATE INVALID RANDOM NUMBER SEED, SET ABORT CONDITION          RUN 3500
C                                                                       RUN 3510
      WRITE (6,2)                                                       RUN 3520
2     FORMAT (//3(' INVALID RANDOM NUMBER SEED       '))                RUN 3530
      ABORT = 2                                                         RUN 3540
C                                                                       RUN 3550
C     CHECK SAMPLE SIZE                                                 RUN 3560
C                                                                       RUN 3570
1     IF ( SIZE .GT. 0 .AND. SIZE .LT. 51) GO TO 3                      RUN 3580
C                                                                       RUN 3590
C     INDICATE INVALID SAMPLE SIZE, SET ABORT CONDITION                 RUN 3600
C                                                                       RUN 3610
```

```
      WRITE (6,4)                                                       RUN 3620
4     FORMAT (//3(' INVALID SAMPLE SIZE          ')//)                  RUN 3630
      ABORT = 2                                                         RUN 3640
C                                                                       RUN 3650
C     CHECK IF VALID DISTRIBUTION REQUESTED                             RUN 3660
C                                                                       RUN 3670
3     IF ( DIST .GT. 0 .AND. DIST .LT. 4) GO TO 5                       RUN 3680
C                                                                       RUN 3690
C     INDICATE INVALID DISTRIBUTION REQUESTED, SET ABORT CONDITION      RUN 3700
C                                                                       RUN 3710
      WRITE (6,6)                                                       RUN 3720
6     FORMAT(//3(' INCORRECT DISTRIBUTION          ')//)                RUN 3730
      ABORT = 2                                                         RUN 3740
      RETURN                                                            RUN 3750
C                                                                       RUN 3760
C     IF ABORT CONDITION NOT SET, CONTINUE                              RUN 3770
C                                                                       RUN 3780
5     GO TO ( 20,21,22), DIST                                           RUN 3790
C                                                                       RUN 3800
C     UNIFORM DISTRIBUTION                                              RUN 3810
C                                                                       RUN 3820
C     CHECK FOR VALIDITY OF PARAMETERS                                  RUN 3830
C                                                                       RUN 3840
20    IF ( PARA .LT. PARB) GO TO 7                                      RUN 3850
C                                                                       RUN 3860
C     INDICATE PARAMETERS, SET ABORT CONDITION                          RUN 3870
C                                                                       RUN 3880
      WRITE (6,8)                                                       RUN 3890
8     FORMAT (// 3(' INVALID PARAMETERS        ')//)                    RUN 3900
      ABORT = 2                                                         RUN 3910
C                                                                       RUN 3920
C     ECHO INPUT                                                        RUN 3930
C                                                                       RUN 3940
7     WRITE (6,9) PARA, PARB,SIZE,SEED                                  RUN 3950
9     FORMAT('0UNIFORM(',F8.3,',',F8.3,')        SAMPLE SIZE =',I3,     RUN 3960
     1 '          RANDOM NUMBER SEED =', I8)                            RUN 3970
      RETURN                                                            RUN 3980
C                                                                       RUN 3990
C     NORMAL DISTRIBUTION                                               RUN 4000
C                                                                       RUN 4010
C     ENSURE POSITIVE VARIANCE                                          RUN 4020
C                                                                       RUN 4030
21    IF(PARB .LT. D.0) PARB = - PARB                                   RUN 4040
C                                                                       RUN 4050
C     FIND STANDARD DEVIATION                                           RUN 4060
C                                                                       RUN 4070
      PARC = SQRT(PARB)                                                 RUN 4080
C                                                                       RUN 4090
C     ECHO INPUT                                                        RUN 4100
C                                                                       RUN 4110
      WRITE (6,10) PARA,PARB, SIZE,SEED                                 RUN 4120
10    FORMAT('0NORMAL(',F8.3,',',F8.3,')        SAMPLE SIZE =', I3,     RUN 4130
     1 '          RANDOM NUMBER SEED =', I8)                            RUN 4140
      RETURN                                                            RUN 4150
C                                                                       RUN 4160
C     TRIANGULAR DISTRIBUTION                                           RUN 4170
C                                                                       RUN 4180
C     CHECK FOR VALIDITY OF PARAMETERS                                  RUN 4190
C                                                                       RUN 4200
22    IF(PARA .LE. PARB .AND. PARB .LE. PARC) GO TO 40                  RUN 4210
C                                                                       RUN 4220
C     INDICATE PARAMETERS, SET ABORT CONDITION                          RUN 4230
C                                                                       RUN 4240
23    WRITE(6,8)                                                        RUN 4250
      ABORT = 2                                                         RUN 4260
C                                                                       RUN 4270
C     ECHO INPUT                                                        RUN 4280
C                                                                       RUN 4290
24    WRITE(6,41) PARA,PARB,PARC,AREA,SIZE,SEED                         RUN 4300
41    FORMAT('0TRIANGULAR(A =',F8.3,',  B =',F8.3,',  C =',F8.3,      RUN 4310
     1 ',  AREA TRIANGLE I =',F7.3,')  SAMPLE SIZE =',I3,6X,           RUN 4320
     2 'RANDOM NUMBER SEED =',I7)                                       RUN 4330
      RETURN                                                            RUN 4340
C                                                                       RUN 4350
C     DETERMINE CASE                                                    RUN 4360
C                                                                       RUN 4370
40    IF(PARA .NE. PARB) GO TO 42                                       RUN 4380
      KASE = 2                                                          RUN 4390
C                                                                       RUN 4400
C     CHECK TRIANGLE AREA AND PARAMETER C                               RUN 4410
C                                                                       RUN 4420
      IF(AREA .NE. 0.D .OR. PARC .LE. PARB) GO TO 23                    RUN 4430
      GO TO 24                                                          RUN 4440
C                                                                       RUN 4450
C     CASE CHECKING                                                     RUN 4460
C                                                                       RUN 4470
42    IF(PARB .NE. PARC) GO TO 43                                       RUN 4480
      KASE = 1                                                          RUN 4490
C                                                                       RUN 4500
C     CHECK TRIANGLE AREA                                               RUN 4510
C                                                                       RUN 4520
      IF(AREA .NE. 1.0) GO TO 23                                        RUN 4530
      GO TO 24                                                          RUN 4540
43    KASE = 3                                                          RUN 4550
      AREA2 = 1. - AREA                                                 RUN 4560
C                                                                       RUN 4570
C     CHECK TRIANGLE AREA                                               RUN 4580
C                                                                       RUN 4590
      IF(AREA .LE. 0.0 .OR. AREA .GE. 1.0) GO TO 23                     RUN 4600
      GO TO 24                                                          RUN 4610
      END                                                               RUN 4620
C                                                                       RUN 4630
C                                                                       RUN 4640
C     ******************************************************************RUN 4650
C                                                                       RUN 4660
C                                                                       RUN 4670
      SUBROUTINE  RUN (X,NX,Y,NY,NR)                                    RUN 4680
      REAL  X(NX), Y(NY), A(100), B(100)                                RUN 4690
C                                                                       RUN 4700
C     ENSURE THAT INPUT PARAMETERS ARE VALID                            RUN 4710
C                                                                       RUN 4720
      IF(NX .GT. 0 .AND. NX .LT. 51 .AND. NY .GT. 0 .AND. NY .LT. 51)   RUN 4730
     1  GO TO 4                                                         RUN 4740
C                                                                       RUN 4750
C     IF INPUT PARAMETERS ARE INVALID, RETURN ZERO FOR THE              RUN 4760
C     NUMBER OF RUNS                                                    RUN 4770
C                                                                       RUN 4780
      NR = 0                                                            RUN 4790
      RETURN                                                            RUN 4800
4     K=1                                                               RUN 4810
C                                                                       RUN 4820
C     PLACE ALL VALUES OF SAMPLE X IN VECTOR A                          RUN 4830
```

```
C     INDICATE SAMPLE VALUES FROM SAMPLE X BY A "1" IN VECTOR B
C
      DO 5  J=1,NX
      A(K)= X(J)
      B(K) = 1.
5     K = K+1
C
C     PLACE ALL VALUES OF SAMPLE Y IMMEDIATELY BEHIND THE VALUES
C     OF SAMPLE X IN VECTOR A.  INDICATE SAMPLE VALUES FROM
C     SAMPLE Y BY A "2" IN VECTOR B
C
      DO 6  J=1,NY
      A(K) = Y(J)
      B(K)= 2.
6     K = K+1
      K = K-1
C
C     SORT VECTOR A INTO ASCENDING ORDER
C     VECTOR B IS ALTERED IN PARALLEL WITH CHANGES IN VECTOR A
C
      CALL ASCORD ( A,B,K)
      NN = NX + NY
C
C     TEST IS SET TO THE VALUE OF THE PRESENT RUN
C
      TEST =   B(1)
      NR =1
C
C     DETERMINE THE NUMBER OF RUNS WHICH EXIST
C
      DO 7  J=2, NN
C
C     CHECK IF SAME RUN
C
      IF(B(J)  .EQ. TEST)  GO TO 7
C
C     INCREASE NUMBER OF RUNS
C
      NR = NR +1
C
C     SET TEST TO VALUE OF PRESENT RUN
C
      TEST = B(J)
7     CONTINUE
      RETURN
      END
C
C
C     ***********************************************************************
C
C
      SUBROUTINE ASCORD (A,KEY,N)
      REAL  A(N),  KEY (N)
      REAL  IT
777   M1=1
    6 M1=M1*2
      IF(M1-N) 6,6,8
    8 M1=M1/2-1
      MM=MAX0(M1/2,1)
      GO TO 21
   20 MM=MM/2
      IF(MM)100,100,21
   21 K=N-MM
   22 DO 1 J=1,K
      II=J
   11 IM=II+MM
44    IF (A(IM) - A(II))  30,1,1
   30 TEMP=A(II)
      IT=KEY(II)
      A(II)=A(IM)
      KEY(II)=KEY(IM)
      A(IM)=TEMP
      KEY(IM)=IT
      II=II-MM
      IF(II) 1,1,11
    1 CONTINUE
      GO TO 20
  100 RETURN
      END
C
C
C     ***********************************************************************
C
C
      SUBROUTINE  COMBO ( NN,KK,C)
      IMPLICIT  REAL * 8 (A-H,O-Z)
C
C     COMBINATIONS OF N THINGS K AT A TIME
C
      N = NN
      K = KK
      C = 1.
      IF ( N .GT. 0.AND.K.GE.0.AND.N.GE.K) GO TO 10
      WRITE (6,15) N,K
15    FORMAT ('0INVALID ARGUMENTS:   N=', I10,'    K=',I10,
     1 '    RETURNED:  C = 1.')
      RETURN
10    IF ( K .EQ. 0 .OR. K .EQ. N) RETURN
      J = N - K
      IF ( J - K) 20,20,30
30    NL = J
60    IF ( N .LE. NL) GO TO 40
      C  =  C * N
      N = N - 1
40    IF ( K .LE. 1) GO TO 50
      C = C/K
      K=K-1
50    IF (N.GT.NL.OR.K.GT.1) GO TO 60
      RETURN
20    NL = K
      K = J
      GO TO 60
      END
C
C
C     ***********************************************************************
C
C
      SUBROUTINE REJECT (M,N,NUMRJT)
      IMPLICIT REAL* 8 ( A-H,O-Z)
      KTOTAL = M + N
      IF  ( M  .LT.  N) GO TO 10
```

```
      MM = N                                                            RUN 6060
      NN = M                                                            RUN 6070
      GO TO 20                                                          RUN 6080
10    MM = M                                                            RUN 6090
      NN = N                                                            RUN 6100
20    CALL  COMBO ( KTOTAL, N,DIV)                                      RUN 6110
      SUM = 0.0                                                         RUN 6120
      KU = 1                                                            RUN 6130
22    KU = KU + 1                                                       RUN 6140
      IF ( KU/2 * 2 .EQ. KU) GO TO 25                                   RUN 6150
C                                                                       RUN 6160
C     KU IS ODD                                                         RUN 6170
C                                                                       RUN 6180
      K = (KU + 1) / 2                                                  RUN 6190
      CALL  COMBO ( MM-1, K-1, FU)                                      RUN 6200
      CALL  COMBO ( NN-1, K-2, G )                                      RUN 6210
      CALL  COMBO ( MM-1, K-2, H )                                      RUN 6220
      CALL  COMBO ( NN-1, K-1, A)                                       RUN 6230
      FU =  FU * G +  H * A                                             RUN 6240
      GO TO 30                                                          RUN 6250
C                                                                       RUN 6260
C     KU IS EVEN                                                        RUN 6270
C                                                                       RUN 6280
25    K = KU/2                                                          RUN 6290
      CALL  COMBO ( MM-1, K-1, FU)                                      RUN 6300
      CALL  COMBO ( NN-1, K-1, G)                                       RUN 6310
      FU = 2. * FU * G                                                  RUN 6320
30    SUM  = SUM + FU                                                   RUN 6330
      PROB = SUM / DIV                                                  RUN 6340
      IF (PROB .LT. 0.05 ) GO TO 22                                     RUN 6350
      NUMRJT = KU - 1                                                   RUN 6360
      RETURN                                                            RUN 6370
      END                                                               RUN 6380
C                                                                       RUN 6390
C                                                                       RUN 6400
C     ******************************************************************RUN 6410
C                                                                       RUN 6420
```

APPENDIX D

SAMPLE COMPUTER OUTPUTS

UNIFORM(1.000, 2.000) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 789655

UNIFORM(1.050, 1.950) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 452001

NUMBER OF REPEATED SAMPLINGS REQUESTED IS 5000

HYPOTHESIS REJECTED FOR 42 OR LESS RUNS

FREQUENCY DISTRIBUTION OF RUNS

	SAMPLE I: SAMPLE II:	COMMON COMMON	COMMON ANTITHETIC	ANTITHETIC COMMON	ANTITHETIC ANTITHETIC	
	NO. RUNS			FREQUENCIES		
REJECTION REGION	31	0	1	1	0	2	REJECTION REGION
	33	4	4	4	4	16
	35	14	13	13	13	53
	36	1	1	1	1	4
	37	32	34	34	33	133
	38	2	3	3	2	10
	39	91	79	79	91	340
	40	7	8	8	7	30
	41	190	171	171	190	722
	42	12	17	17	12	58
ACCEPTANCE REGION	43	338	328	328	338	1332	ACCEPTANCE REGION
	44	30	36	36	30	132
	45	476	521	521	476	1994
	46	31	44	44	31	150
	47	695	701	702	694	2792
	48	66	60	59	66	251
	49	751	731	730	754	2966
	50	62	64	66	62	254
	51	688	702	701	686	2777
	52	65	57	56	65	243
	53	544	563	563	544	2214
	54	41	47	47	41	176
	55	386	346	347	386	1465
	56	31	29	29	31	120
	57	224	213	214	224	875
	58	18	20	20	18	76
	59	105	124	123	105	457
	60	7	11	11	7	36
	61	53	50	50	53	206
	62	8	3	3	8	22
	63	19	14	14	19	66
	64	2	0	0	2	4
	65	3	5	5	3	16
	67	2	0	0	2	4
	69	2	0	0	2	4
REJECTION PERCENTAGES:		7.06%	6.62%	6.62%	7.06%	6.84%

UNIFORM(1.000, 2.000) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 540013

UNIFORM(1.100, 1.900) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 452211

NUMBER OF REPEATED SAMPLINGS REQUESTED IS 5000

HYPOTHESIS REJECTED FOR 42 OR LESS RUNS

FREQUENCY DISTRIBUTION OF RUNS

	SAMPLE I: SAMPLE II:	COMMON COMMON	COMMON ANTITHETIC	ANTITHETIC COMMON	ANTITHETIC ANTITHETIC	
	NO. RUNS			FREQUENCIES		
REJECTION REGION	29	2	0	0	2	4	REJECTION REGION
	31	9	9	9	9	36
	33	26	23	23	26	98
	35	66	65	66	66	263
	37	132	136	135	132	535
	38	0	1	1	0	2
	39	274	281	282	274	1111
	40	1	1	1	1	4
	41	403	430	430	404	1667
	42	9	2	2	9	22
ACCEPTANCE REGION	43	649	670	669	647	2635	ACCEPTANCE REGION
	44	3	3	3	3	12
	45	758	743	742	758	3001
	46	3	6	6	3	18
	47	803	758	758	806	3125
	48	4	5	5	4	18
	49	665	673	674	664	2676
	50	3	3	3	3	12
	51	532	545	545	530	2152
	52	2	2	2	2	8
	53	319	335	335	321	1310
	54	3	2	2	3	10
	55	190	171	171	189	721
	56	0	1	1	0	2
	57	93	92	92	93	370
	58	0	1	1	0	2
	59	33	24	24	32	113
	61	13	14	14	14	55
	63	2	2	2	2	8
	64	1	0	0	1	2
	65	1	2	2	1	6
	67	1	0	0	1	2
REJECTION PERCENTAGES:		18.44%	18.96%	18.98%	18.46%	18.71%

UNIFORM(1.000, 2.000) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 665471

UNIFORM(1.150, 1.850) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 453351

NUMBER OF REPEATED SAMPLINGS REQUESTED IS 5000

HYPOTHESIS REJECTED FOR 42 OR LESS RUNS

FREQUENCY DISTRIBUTION OF RUNS

	SAMPLE I: SAMPLE II:	COMMON COMMON	COMMON ANTITHETIC	ANTITHETIC COMMON	ANTITHETIC ANTITHETIC		
	NO. RUNS			FREQUENCIES			
REJECTION REGION	25	0	3	3	0	6	REJECTION REGION
	27	2	9	9	2	22	
	29	17	14	14	17	62	
	31	44	30	30	45	149	
	33	109	115	114	108	446	
	35	216	190	191	216	813	
	37	362	335	335	362	1394	
	39	528	583	583	528	2222	
	41	710	737	738	710	2895	
ACCEPTANCE REGION	43	780	753	751	780	3064	ACCEPTANCE REGION
	45	749	747	749	750	2995	
	47	578	615	614	578	2385	
	49	436	387	387	435	1645	
	50	0	1	1	0	2	
	51	256	264	264	256	1040	
	52	1	0	0	1	2	
	53	124	133	133	124	514	
	55	62	62	62	62	248	
	57	18	14	14	18	64	
	59	5	5	5	5	20	
	61	1	3	3	1	8	
	63	2	0	0	2	4	
REJECTION PERCENTAGES:		39.76%	40.32%	40.34%	39.76%	40.04%	

UNIFORM(1.000, 2.000) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 789655

UNIFORM(1.200, 1.800) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 457778

NUMBER OF REPEATED SAMPLINGS REQUESTED IS 5000

HYPOTHESIS REJECTED FOR 42 OR LESS RUNS

FREQUENCY DISTRIBUTION OF RUNS

	SAMPLE I: SAMPLE II:	COMMON COMMON	COMMON ANTITHETIC	ANTITHETIC COMMON	ANTITHETIC ANTITHETIC		
	NO. RUNS			FREQUENCIES			
REJECTION REGION	21	1	2	2	1	6	REJECTION REGION
	23	2	2	2	2	8	
	25	16	10	10	16	52	
	27	33	24	24	33	114	
	29	73	85	85	73	316	
	31	201	169	169	201	740	
	33	330	363	364	329	1386	
	35	539	513	512	541	2105	
	37	672	698	699	673	2742	
	39	783	764	765	782	3094	
	41	770	769	769	770	3078	
ACCEPTANCE REGION	43	658	602	601	657	2518	ACCEPTANCE REGION
	45	426	479	476	426	1807	
	47	256	271	273	256	1056	
	48	0	1	1	0	2	
	49	144	150	150	144	588	
	51	64	66	66	64	260	
	53	23	16	15	23	77	
	55	5	10	11	5	31	
	57	4	5	5	4	18	
	59	0	1	1	0	2	
REJECTION PERCENTAGES:		68.40%	67.98%	68.02%	68.42%	68.20%	

UNIFORM(1.000, 2.000) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 540013
UNIFORM(1.250, 1.750) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 200111

NUMBER OF REPEATED SAMPLINGS REQUESTED IS 5000

HYPOTHESIS REJECTED FOR 42 OR LESS RUNS

FREQUENCY DISTRIBUTION OF RUNS

	SAMPLE I: SAMPLE II:	COMMON COMMON	COMMON ANTITHETIC	ANTITHETIC COMMON	ANTITHETIC ANTITHETIC		
	NO. RUNS			FREQUENCIES			
REJECTION REGION	19	3	5	5	3	16	REJECTION REGION
	21	7	10	10	7	34	
	23	37	33	33	37	140	
	25	89	85	85	89	348	
	27	205	187	187	205	784	
	29	375	356	356	375	1462	
	31	578	607	606	578	2369	
	33	708	714	715	708	2845	
	35	774	793	794	774	3135	
	37	742	726	725	742	2935	
	39	615	582	582	615	2394	
	41	398	412	411	398	1619	
ACCEPTANCE REGION	43	242	240	240	242	964	ACCEPTANCE REGION
	45	138	152	153	138	581	
	47	55	62	62	55	234	
	49	23	16	16	23	78	
	51	5	17	17	5	44	
	53	4	2	2	4	12	
	55	1	1	1	1	4	
	59	1	0	0	1	2	
REJECTION PERCENTAGES:		90.62%	90.20%	90.18%	90.62%	90.40%	

UNIFORM(1.000, 2.000) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 665471
UNIFORM(1.300, 1.700) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 85473

NUMBER OF REPEATED SAMPLINGS REQUESTED IS 5000

HYPOTHESIS REJECTED FOR 42 OR LESS RUNS

FREQUENCY DISTRIBUTION OF RUNS

	SAMPLE I: SAMPLE II:	COMMON COMMON	COMMON ANTITHETIC	ANTITHETIC COMMON	ANTITHETIC ANTITHETIC		
	NO. RUNS			FREQUENCIES			
REJECTION REGION	13	1	0	0	1	2	REJECTION REGION
	15	3	2	2	3	10	
	17	10	12	12	10	44	
	19	50	46	46	50	192	
	21	109	124	124	109	466	
	23	247	218	218	248	931	
	25	401	426	426	401	1654	
	27	592	585	584	591	2352	
	29	743	717	720	744	2924	
	31	792	845	843	790	3270	
	33	736	737	737	737	2947	
	35	584	550	551	583	2268	
	37	375	355	354	376	1460	
	39	179	229	230	179	817	
	41	115	78	77	115	385	
ACCEPTANCE REGION	43	42	52	52	43	189	ACCEPTANCE REGION
	45	17	14	14	16	61	
	47	2	9	9	2	22	
	49	2	1	1	2	6	
REJECTION PERCENTAGES:		98.74%	98.48%	98.48%	98.74%	98.61%	

APPENDIX E

TABULATION OF COMPUTER RESULTS

NORMAL - SAMPLE SIZE 10

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.00)	REJECTED	1.96%
N(0.0 , 1.00)	AGAINST	N(0.20, 1.00)	REJECTED	2.35%
N(0.0 , 1.00)	AGAINST	N(0.40, 1.00)	REJECTED	3.45%
N(0.0 , 1.00)	AGAINST	N(0.60, 1.00)	REJECTED	5.94%
N(0.0 , 1.00)	AGAINST	N(0.80, 1.00)	REJECTED	9.99%
N(0.0 , 1.00)	AGAINST	N(1.00, 1.00)	REJECTED	16.32%
N(0.0 , 1.00)	AGAINST	N(1.20, 1.00)	REJECTED	24.96%
N(0.0 , 1.00)	AGAINST	N(1.40, 1.00)	REJECTED	36.26%
N(0.0 , 1.00)	AGAINST	N(1.60, 1.00)	REJECTED	48.45%
N(0.0 , 1.00)	AGAINST	N(1.80, 1.00)	REJECTED	60.46%
N(0.0 , 1.00)	AGAINST	N(2.00, 1.00)	REJECTED	72.90%
N(0.0 , 1.00)	AGAINST	N(2.20, 1.00)	REJECTED	81.59%
N(0.0 , 1.00)	AGAINST	N(2.40, 1.00)	REJECTED	88.61%
N(0.0 , 1.00)	AGAINST	N(2.60, 1.00)	REJECTED	93.64%

NORMAL - SAMPLE SIZE 10

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.50)	REJECTED	2.11%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.00)	REJECTED	2.61%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.50)	REJECTED	2.84%
N(0.0 , 1.00)	AGAINST	N(0.0 , 3.00)	REJECTED	3.66%
N(0.0 , 1.00)	AGAINST	N(0.0 , 3.50)	REJECTED	4.34%
N(0.0 , 1.00)	AGAINST	N(0.0 , 4.00)	REJECTED	5.14%
N(0.0 , 1.00)	AGAINST	N(0.0 , 5.00)	REJECTED	7.13%
N(0.0 , 1.00)	AGAINST	N(0.0 , 6.00)	REJECTED	8.42%
N(0.0 , 1.00)	AGAINST	N(0.0 , 7.00)	REJECTED	10.44%
N(0.0 , 1.00)	AGAINST	N(0.0 , 9.00)	REJECTED	13.82%

NORMAL - SAMPLE SIZE 15

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.00)	REJECTED	4.45%
N(0.0 , 1.00)	AGAINST	N(0.20, 1.00)	REJECTED	5.06%
N(0.0 , 1.00)	AGAINST	N(0.40, 1.00)	REJECTED	6.76%
N(0.0 , 1.00)	AGAINST	N(0.60, 1.00)	REJECTED	10.24%
N(0.0 , 1.00)	AGAINST	N(0.80, 1.00)	REJECTED	15.65%
N(0.0 , 1.00)	AGAINST	N(1.00, 1.00)	REJECTED	24.42%
N(0.0 , 1.00)	AGAINST	N(1.20, 1.00)	REJECTED	35.71%
N(0.0 , 1.00)	AGAINST	N(1.40, 1.00)	REJECTED	49.82%
N(0.0 , 1.00)	AGAINST	N(1.60, 1.00)	REJECTED	64.28%
N(0.0 , 1.00)	AGAINST	N(1.80, 1.00)	REJECTED	77.08%
N(0.0 , 1.00)	AGAINST	N(2.00, 1.00)	REJECTED	86.80%
N(0.0 , 1.00)	AGAINST	N(2.20, 1.00)	REJECTED	93.21%
N(0.0 , 1.00)	AGAINST	N(2.40, 1.00)	REJECTED	96.95%

NORMAL - SAMPLE SIZE 15

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.50)	REJECTEO	6.09%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.00)	REJECTEO	8.46%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.50)	REJECTEO	11.71%
N(0.0 , 1.00)	AGAINST	N(0.0 , 3.00)	REJECTEO	15.41%
N(0.0 , 1.00)	AGAINST	N(0.0 , 4.00)	REJECTEO	22.78%
N(0.0 , 1.00)	AGAINST	N(0.0 , 5.00)	REJECTEO	29.19%
N(0.0 , 1.00)	AGAINST	N(0.0 , 6.00)	REJECTEO	36.91%
N(0.0 , 1.00)	AGAINST	N(0.0 , 7.00)	REJECTEO	41.55%
N(0.0 , 1.00)	AGAINST	N(0.0 , 8.00)	REJECTEO	47.99%
N(0.0 , 1.00)	AGAINST	N(0.0 , 9.00)	REJECTEO	52.85%

NORMAL - SAMPLE SIZE 20

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.00)	REJECTEO	3.63%
N(0.0 , 1.00)	AGAINST	N(0.10, 1.00)	REJECTEO	4.38%
N(0.0 , 1.00)	AGAINST	N(0.20, 1.00)	REJECTEO	4.07%
N(0.0 , 1.00)	AGAINST	N(0.40, 1.00)	REJECTEO	6.32%
N(0.0 , 1.00)	AGAINST	N(0.50, 1.00)	REJECTEO	7.56%
N(0.0 , 1.00)	AGAINST	N(0.60, 1.00)	REJECTEO	9.83%
N(0.0 , 1.00)	AGAINST	N(0.80, 1.00)	REJECTEO	17.18%
N(0.0 , 1.00)	AGAINST	N(1.00, 1.00)	REJECTEO	27.75%
N(0.0 , 1.00)	AGAINST	N(1.20, 1.00)	REJECTEO	41.72%
N(0.0 , 1.00)	AGAINST	N(1.40, 1.00)	REJECTEO	58.13%
N(0.0 , 1.00)	AGAINST	N(1.60, 1.00)	REJECTEO	73.25%
N(0.0 , 1.00)	AGAINST	N(1.80, 1.00)	REJECTEO	85.28%
N(0.0 , 1.00)	AGAINST	N(2.00, 1.00)	REJECTED	93.63%
N(0.0 , 1.00)	AGAINST	N(2.20, 1.00)	REJECTEO	97.26%

NORMAL - SAMPLE SIZE 20

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.10)	REJECTEO	3.78%
N(0.0 , 1.00)	AGAINST	N(0.0 , 1.20)	REJECTED	3.91%
N(0.0 , 1.00)	AGAINST	N(0.0 , 1.30)	REJECTEO	4.28%
N(0.0 , 1.00)	AGAINST	N(0.0 , 1.40)	REJECTEO	5.08%
N(0.0 , 1.00)	AGAINST	N(0.0 , 1.50)	REJECTEO	5.12%
N(0.0 , 1.00)	AGAINST	N(0.0 , 1.60)	REJECTEO	5.45%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.00)	REJECTEO	8.07%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.50)	REJECTEO	11.18%
N(0.0 , 1.00)	AGAINST	N(0.0 , 3.00)	REJECTEO	16.63%
N(0.0 , 1.00)	AGAINST	N(0.0 , 3.50)	REJECTEO	19.34%
N(0.0 , 1.00)	AGAINST	N(0.0 , 4.00)	REJECTEO	25.01%
N(0.0 , 1.00)	AGAINST	N(0.0 , 5.00)	REJECTEO	33.72%
N(0.0 , 1.00)	AGAINST	N(0.0 , 6.00)	REJECTEO	40.77%
N(0.0 , 1.00)	AGAINST	N(0.0 , 7.00)	REJECTEO	47.44%
N(0.0 , 1.00)	AGAINST	N(0.0 , 8.00)	REJECTEO	54.78%
N(0.0 , 1.00)	AGAINST	N(0.0 , 9.00)	REJECTEO	58.84%

NORMAL - SAMPLE SIZE 50

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.00)	REJECTED	3.84%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.00)	REJECTED	10.45%
N(0.0 , 1.00)	AGAINST	N(0.0 , 3.00)	REJECTED	24.65%
N(0.0 , 1.00)	AGAINST	N(0.0 , 4.00)	REJECTED	40.06%
N(0.0 , 1.00)	AGAINST	N(0.0 , 5.00)	REJECTED	56.31%
N(0.0 , 1.00)	AGAINST	N(0.0 , 6.00)	REJECTED	69.30%
N(0.0 , 1.00)	AGAINST	N(0.0 , 7.00)	REJECTED	76.39%
N(0.0 , 1.00)	AGAINST	N(0.0 , 8.00)	REJECTED	83.24%
N(0.0 , 1.00)	AGAINST	N(0.0 , 9.00)	REJECTED	87.83%

NORMAL - SAMPLE SIZE 50

N(0.0 , 1.00)	AGAINST	N(0.10, 1.00)	REJECTED	4.83%
N(0.0 , 1.00)	AGAINST	N(0.20, 1.00)	REJECTED	5.59%
N(0.0 , 1.00)	AGAINST	N(0.30, 1.00)	REJECTED	7.69%
N(0.0 , 1.00)	AGAINST	N(0.40, 1.00)	REJECTED	10.40%
N(0.0 , 1.00)	AGAINST	N(0.50, 1.00)	REJECTED	14.65%
N(0.0 , 1.00)	AGAINST	N(0.60, 1.00)	REJECTED	21.20%

UNIFORM - SAMPLE SIZE 10

U(1.00, 2.00)	AGAINST	U(1.00, 2.00)	REJECTED	1.96%
U(1.00, 2.00)	AGAINST	U(1.10, 2.10)	REJECTED	3.61%
U(1.00, 2.00)	AGAINST	U(1.20, 2.20)	REJECTED	8.81%
U(1.00, 2.00)	AGAINST	U(1.30, 2.30)	REJECTED	20.14%
U(1.00, 2.00)	AGAINST	U(1.40, 2.40)	REJECTED	36.58%
U(1.00, 2.00)	AGAINST	U(1.50, 2.50)	REJECTED	56.59%
U(1.00, 2.00)	AGAINST	U(1.60, 2.60)	REJECTED	77.24%
U(1.00, 2.00)	AGAINST	U(1.70, 2.70)	REJECTED	91.63%
U(1.00, 2.00)	AGAINST	U(1.80, 2.80)	REJECTED	98.47%
U(1.00, 2.00)	AGAINST	U(1.90, 2.90)	REJECTED	99.98%

UNIFORM - SAMPLE SIZE 10

U(1.00, 2.00)	AGAINST	U(1.05, 1.95)	REJECTED	1.90%
U(1.00, 2.00)	AGAINST	U(1.10, 1.90)	REJECTED	2.19%
U(1.00, 2.00)	AGAINST	U(1.15, 1.85)	REJECTED	3.13%
U(1.00, 2.00)	AGAINST	U(1.20, 1.80)	REJECTED	5.82%
U(1.00, 2.00)	AGAINST	U(1.25, 1.75)	REJECTED	10.62%
U(1.00, 2.00)	AGAINST	U(1.30, 1.70)	REJECTED	18.60%
U(1.00, 2.00)	AGAINST	U(1.35, 1.65)	REJECTED	34.54%
U(1.00, 2.00)	AGAINST	U(1.40, 1.60)	REJECTED	56.65%
U(1.00, 2.00)	AGAINST	U(1.45, 1.55)	REJECTED	84.02%

UNIFORM - SAMPLE SIZE 10

U(1.00, 2.00)	AGAINST	U(0.95, 2.05)	REJECTED	1.72%
U(1.00, 2.00)	AGAINST	U(0.90, 2.10)	REJECTED	1.96%
U(1.00, 2.00)	AGAINST	U(0.85, 2.15)	REJECTED	2.59%
U(1.00, 2.00)	AGAINST	U(0.80, 2.20)	REJECTED	3.13%
U(1.00, 2.00)	AGAINST	U(0.75, 2.25)	REJECTED	3.81%
U(1.00, 2.00)	AGAINST	U(0.70, 2.30)	REJECTED	4.45%
U(1.00, 2.00)	AGAINST	U(0.65, 2.35)	REJECTED	5.99%
U(1.00, 2.00)	AGAINST	U(0.60, 2.40)	REJECTED	7.01%
U(1.00, 2.00)	AGAINST	U(0.55, 2.45)	REJECTED	8.52%
U(1.00, 2.00)	AGAINST	U(0.50, 2.50)	REJECTED	10.25%
U(1.00, 2.00)	AGAINST	U(0.45, 2.55)	REJECTED	12.73%
U(1.00, 2.00)	AGAINST	U(0.40, 2.60)	REJECTED	13.40%
U(1.00, 2.00)	AGAINST	U(0.35, 2.65)	REJECTED	15.85%
U(1.00, 2.00)	AGAINST	U(0.30, 2.70)	REJECTED	16.95%
U(1.00, 2.00)	AGAINST	U(0.25, 2.75)	REJECTED	19.00%
U(1.00, 2.00)	AGAINST	U(0.20, 2.80)	REJECTED	19.44%
U(1.00, 2.00)	AGAINST	U(0.15, 2.85)	REJECTED	21.81%
U(1.00, 2.00)	AGAINST	U(0.10, 2.90)	REJECTED	25.22%
U(1.00, 2.00)	AGAINST	U(0.05, 2.95)	REJECTED	26.20%
U(1.00, 2.00)	AGAINST	U(0.0 , 3.00)	REJECTED	29.67%

UNIFORM - SAMPLE SIZE 15

U(1.00, 2.00)	AGAINST	U(1.00, 2.00)	REJECTED	4.52%
U(1.00, 2.00)	AGAINST	U(1.10, 2.10)	REJECTED	6.52%
U(1.00, 2.00)	AGAINST	U(1.20, 2.20)	REJECTED	14.19%
U(1.00, 2.00)	AGAINST	U(1.30, 2.30)	REJECTED	30.67%
U(1.00, 2.00)	AGAINST	U(1.40, 2.40)	REJECTED	54.56%
U(1.00, 2.00)	AGAINST	U(1.50, 2.50)	REJECTED	77.15%
U(1.00, 2.00)	AGAINST	U(1.60, 2.60)	REJECTED	92.76%
U(1.00, 2.00)	AGAINST	U(1.70, 2.70)	REJECTED	98.78%

UNIFORM - SAMPLE SIZE 15

U(1.00, 2.00)	AGAINST	U(0.95, 2.05)	REJECTED	5.84%
U(1.00, 2.00)	AGAINST	U(0.90, 2.10)	REJECTED	8.82%
U(1.00, 2.00)	AGAINST	U(0.85, 2.15)	REJECTED	12.79%
U(1.00, 2.00)	AGAINST	U(0.80, 2.20)	REJECTED	16.81%
U(1.00, 2.00)	AGAINST	U(0.75, 2.25)	REJECTED	22.85%
U(1.00, 2.00)	AGAINST	U(0.70, 2.30)	REJECTED	27.68%
U(1.00, 2.00)	AGAINST	U(0.65, 2.35)	REJECTED	32.00%
U(1.00, 2.00)	AGAINST	U(0.60, 2.40)	REJECTED	38.29%
U(1.00, 2.00)	AGAINST	U(0.55, 2.45)	REJECTED	43.31%
U(1.00, 2.00)	AGAINST	U(0.50, 2.50)	REJECTED	47.92%
U(1.00, 2.00)	AGAINST	U(0.45, 2.55)	REJECTED	52.40%
U(1.00, 2.00)	AGAINST	U(0.40, 2.60)	REJECTED	56.47%
U(1.00, 2.00)	AGAINST	U(0.35, 2.65)	REJECTED	60.56%
U(1.00, 2.00)	AGAINST	U(0.30, 2.70)	REJECTED	63.69%
U(1.00, 2.00)	AGAINST	U(0.25, 2.75)	REJECTED	67.35%
U(1.00, 2.00)	AGAINST	U(0.20, 2.80)	REJECTED	70.50%
U(1.00, 2.00)	AGAINST	U(0.15, 2.85)	REJECTED	73.65%
U(1.00, 2.00)	AGAINST	U(0.10, 2.90)	REJECTED	75.22%
U(1.00, 2.00)	AGAINST	U(0.05, 2.95)	REJECTED	79.16%

UNIFORM - SAMPLE SIZE 15

U(1.00, 2.00)	AGAINST	U(1.05, 1.95)	REJECTED	6.41%
U(1.00, 2.00)	AGAINST	U(1.10, 1.90)	REJECTED	10.15%
U(1.00, 2.00)	AGAINST	U(1.15, 1.85)	REJECTED	18.22%
U(1.00, 2.00)	AGAINST	U(1.20, 1.80)	REJECTED	31.37%
U(1.00, 2.00)	AGAINST	U(1.25, 1.75)	REJECTED	47.73%
U(1.00, 2.00)	AGAINST	U(1.30, 1.70)	REJECTED	67.17%
U(1.00, 2.00)	AGAINST	U(1.35, 1.65)	REJECTED	85.41%
U(1.00, 2.00)	AGAINST	U(1.40, 1.60)	REJECTED	95.95%
U(1.00, 2.00)	AGAINST	U(1.45, 1.55)	REJECTED	99.80%

UNIFORM - SAMPLE SIZE 20

U(1.00, 2.00)	AGAINST	U(1.00, 2.00)	REJECTED	3.88%
U(1.00, 2.00)	AGAINST	U(1.10, 2.10)	REJECTED	6.23%
U(1.00, 2.00)	AGAINST	U(1.20, 2.20)	REJECTED	17.53%
U(1.00, 2.00)	AGAINST	U(1.30, 2.30)	REJECTED	39.78%
U(1.00, 2.00)	AGAINST	U(1.40, 2.40)	REJECTED	66.84%
U(1.00, 2.00)	AGAINST	U(1.50, 2.50)	REJECTED	87.77%
U(1.00, 2.00)	AGAINST	U(1.60, 2.60)	REJECTED	97.60%

UNIFORM - SAMPLE SIZE 20

U(1.00, 2.00)	AGAINST	U(0.95, 2.05)	REJECTED	5.05%
U(1.00, 2.00)	AGAINST	U(0.90, 2.10)	REJECTED	9.13%
U(1.00, 2.00)	AGAINST	U(0.85, 2.15)	REJECTED	13.61%
U(1.00, 2.00)	AGAINST	U(0.80, 2.20)	REJECTED	18.76%
U(1.00, 2.00)	AGAINST	U(0.75, 2.25)	REJECTED	25.46%
U(1.00, 2.00)	AGAINST	U(0.70, 2.30)	REJECTED	31.78%
U(1.00, 2.00)	AGAINST	U(0.65, 2.35)	REJECTED	38.44%
U(1.00, 2.00)	AGAINST	U(0.60, 2.40)	REJECTED	44.65%
U(1.00, 2.00)	AGAINST	U(0.55, 2.45)	REJECTED	51.37%
U(1.00, 2.00)	AGAINST	U(0.50, 2.50)	REJECTED	57.03%
U(1.00, 2.00)	AGAINST	U(0.45, 2.55)	REJECTED	62.86%
U(1.00, 2.00)	AGAINST	U(0.40, 2.60)	REJECTED	66.44%
U(1.00, 2.00)	AGAINST	U(0.35, 2.65)	REJECTED	70.22%
U(1.00, 2.00)	AGAINST	U(0.30, 2.70)	REJECTED	74.12%

UNIFORM - SAMPLE SIZE 20

U(1.00, 2.00)	AGAINST	U(1.05, 1.95)	REJECTED	5.83%
U(1.00, 2.00)	AGAINST	U(1.10, 1.90)	REJECTED	10.95%
U(1.00, 2.00)	AGAINST	U(1.15, 1.85)	REJECTED	20.97%
U(1.00, 2.00)	AGAINST	U(1.20, 1.80)	REJECTED	35.81%
U(1.00, 2.00)	AGAINST	U(1.25, 1.75)	REJECTED	56.79%
U(1.00, 2.00)	AGAINST	U(1.30, 1.70)	REJECTED	76.47%
U(1.00, 2.00)	AGAINST	U(1.35, 1.65)	REJECTED	92.52%
U(1.00, 2.00)	AGAINST	U(1.40, 1.60)	REJECTED	98.81%

UNIFORM - SAMPLE SIZE 50

U(1.00, 2.00)	AGAINST	U(1.00, 2.00)	REJECTED	4.58%
U(1.00, 2.00)	AGAINST	U(1.10, 2.10)	REJECTED	21.60%
U(1.00, 2.00)	AGAINST	U(1.20, 2.20)	REJECTED	59.26%
U(1.00, 2.00)	AGAINST	U(1.30, 2.30)	REJECTED	89.85%
U(1.00, 2.00)	AGAINST	U(1.40, 2.40)	REJECTED	98.99%
U(1.00, 2.00)	AGAINST	U(1.50, 2.50)	REJECTED	99.96%

UNIFORM - SAMPLE SIZE 50

U(1.00, 2.00)	AGAINST	U(1.05, 1.95)	REJECTED	6.84%
U(1.00, 2.00)	AGAINST	U(1.10, 1.90)	REJECTED	18.71%
U(1.00, 2.00)	AGAINST	U(1.15, 1.85)	REJECTED	40.04%
U(1.00, 2.00)	AGAINST	U(1.20, 1.80)	REJECTED	68.20%
U(1.00, 2.00)	AGAINST	U(1.25, 1.75)	REJECTED	90.40%
U(1.00, 2.00)	AGAINST	U(1.30, 1.70)	REJECTED	98.61%

TRIANGULAR - SAMPLE SIZE 10
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 3.0, 3.0)	REJECTED	1.75%
T(1.0, 3.0, 3.0)	AGAINST	T(1.2, 3.2, 3.2)	REJECTED	4.82%
T(1.0, 3.0, 3.0)	AGAINST	T(1.4, 3.4, 3.4)	REJECTED	14.70%
T(1.0, 3.0, 3.0)	AGAINST	T(1.6, 3.6, 3.6)	REJECTED	34.85%
T(1.0, 3.0, 3.0)	AGAINST	T(1.8, 3.8, 3.8)	REJECTED	60.45%
T(1.0, 3.0, 3.0)	AGAINST	T(2.0, 4.0, 4.0)	REJECTED	82.46%
T(1.0, 3.0, 3.0)	AGAINST	T(2.2, 4.2, 4.2)	REJECTED	95.00%

TRIANGULAR - SAMPLE SIZE 10
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.8, 2.8)	REJECTED	4.02%
T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.6, 2.6)	REJECTED	11.17%
T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.4, 2.4)	REJECTED	26.51%

TRIANGULAR - SAMPLE SIZE 10
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.2, 3.0, 3.0)	REJECTED	2.00%
T(1.0, 3.0, 3.0)	AGAINST	T(1.4, 3.0, 3.0)	REJECTED	2.44%
T(1.0, 3.0, 3.0)	AGAINST	T(1.6, 3.0, 3.0)	REJECTED	4.02%

TRIANGULAR - SAMPLE SIZE 15
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 3.0, 3.0)	REJECTED	4.46%
T(1.0, 3.0, 3.0)	AGAINST	T(1.2, 3.2, 3.2)	REJECTED	9.42%
T(1.0, 3.0, 3.0)	AGAINST	T(1.4, 3.4, 3.4)	REJECTED	23.82%
T(1.0, 3.0, 3.0)	AGAINST	T(1.6, 3.6, 3.6)	REJECTED	52.33%
T(1.0, 3.0, 3.0)	AGAINST	T(1.8, 3.8, 3.8)	REJECTED	79.58%
T(1.0, 3.0, 3.0)	AGAINST	T(2.0, 4.0, 4.0)	REJECTED	94.88%
T(1.0, 3.0, 3.0)	AGAINST	T(2.2, 4.2, 4.2)	REJECTED	99.42%

TRIANGULAR - SAMPLE SIZE 15
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.8, 2.8)	REJECTED	10.23%
T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.6, 2.6)	REJECTED	24.93%
T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.4, 2.4)	REJECTED	49.30%

TRIANGULAR - SAMPLE SIZE 15
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.2, 3.0, 3.0)	REJECTED	4.95%
T(1.0, 3.0, 3.0)	AGAINST	T(1.4, 3.0, 3.0)	REJECTED	6.07%
T(1.0, 3.0, 3.0)	AGAINST	T(1.6, 3.0, 3.0)	REJECTED	8.70%

TRIANGULAR - SAMPLE SIZE 20
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 3.0, 3.0)	REJECTED	3.61%
T(1.0, 3.0, 3.0)	AGAINST	T(1.2, 3.2, 3.2)	REJECTED	9.95%
T(1.0, 3.0, 3.0)	AGAINST	T(1.4, 3.4, 3.4)	REJECTED	29.02%
T(1.0, 3.0, 3.0)	AGAINST	T(1.6, 3.6, 3.6)	REJECTED	62.75%
T(1.0, 3.0, 3.0)	AGAINST	T(1.8, 3.8, 3.8)	REJECTED	89.33%
T(1.0, 3.0, 3.0)	AGAINST	T(2.0, 4.0, 4.0)	REJECTED	98.49%

TRIANGULAR - SAMPLE SIZE 20
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.8, 2.8)	REJECTED	13.31%
T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.6, 2.6)	REJECTED	29.47%
T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.4, 2.4)	REJECTED	58.73%

TRIANGULAR - SAMPLE SIZE 20
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.2, 3.0, 3.0)	REJECTED	4.25%
T(1.0, 3.0, 3.0)	AGAINST	T(1.4, 3.0, 3.0)	REJECTED	5.43%
T(1.0, 3.0, 3.0)	AGAINST	T(1.6, 3.0, 3.0)	REJECTED	8.83%

TRIANGULAR - SAMPLE SIZE 10
AREAS ARE PROPORTIONAL TO BASE LENGTHS

T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.0, 3.0)	REJECTED	1.80%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.2, 3.0)	REJECTED	2.28%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.4, 3.0)	REJECTED	3.32%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.6, 3.0)	REJECTED	5.21%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.8, 3.0)	REJECTED	7.39%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 2.2, 3.0)	REJECTED	14.62%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 2.4, 3.0)	REJECTED	18.99%

TRIANGULAR - SAMPLE SIZE 15
AREAS ARE PROPORTIONAL TO BASE LENGTHS

T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.0, 3.0)	REJECTED	4.22%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.2, 3.0)	REJECTED	5.75%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.4, 3.0)	REJECTED	7.82%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.6, 3.0)	REJECTED	10.77%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.8, 3.0)	REJECTED	14.80%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 2.0, 3.0)	REJECTED	19.22%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 2.2, 3.0)	REJECTED	25.29%

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13. ABSTRACT

In the absence of information concerning underlying distributions of populations being sampled, it is difficult to apply parametric statistical tests without possibly violating assumptions under which these tests have been derived. As a result, parametric statistical tests may provide invalid information and result in erroneous conclusions related to samples under observation. This undesirable effect leads statisticians toward the utilization of non-parametric tests which are unconcerned with the specific form of the underlying distributions. By computer sampling, this paper investigates the power of the Wald-Wolfowitz runs test as it pertains to normal, uniform and triangular distributions. The power is found to be satisfactory when it is possible to obtain large samples for comparison.

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